FLORIDA

SKIP

1960

1961

FLORIDA SKIP

A Non-Profit Organization

VOL. 4 — No. 2 | The All Florida Radio Amateur's Publication | JUNE, 1960

Dear Mabel,

Dear Mabel,

Is there any way to get my husband to cut down on his hamming? Every spare minute he gets is spent on the air or working on the rig.

Crystal Diode

Dear Crystal,

I will not answer this question for three reasons: (1) Hams are nice people and should be encouraged. (2) If your husband wasn't hamming in his spare time, being a man, he might be doing something worse. (3) If I knew an answer to this one I might try it myself.

Mabel

* * *

Dear Mabel,

My wife has never been what you would call real bright, but in recent weeks she is goofier than ever. What should I do with her?

Wondering

Dear Wondering,

Now you stop that, Clyde, I know your writing.

Mabel

Dear Gladys and Mabel,

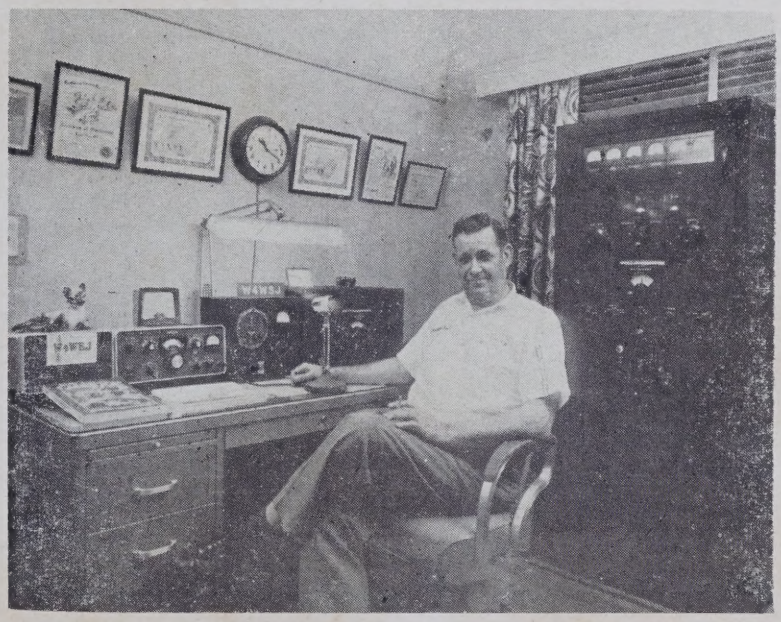
I am interested in low-distortion modulation for clipped speech. I have found that most inexpensive modulation transformers have a rather poor low-frequency response and when they are hit with a square wave in the range of 300-1000 cycles the results are not good. It isn't detrimental as far as unclipped speech is concerned, but does defeat the purpose of clipped speech since the modulation transformer alters the wave form and introduces sharp peaks with low energy content. I know I could buy a transformer with excellent low-frequency response but with the power I'm running it would be pretty expensive. What do you think of using a negative-feedback system instead?

Technician

Dear Technician,

Uh, would you mind repeating the question?

Mabel



No, this isn't Mr. Collins, its Wiley M. Gilkison, W4WSJ, 5155 N.W. 12th St., Miami. As you can see, the "Ole Senator" is using a Collins KW-1, 32S-1, 75A-3. It is capable of running a KW on AM, CW or SSB. The antenna is a HY-Gain Trap Tri-Band, 5 elements on 15 and 20 meters and 7 elements on 10 meters. The boom is 36 feet, weight is 180 pounds, up 60 feet. Wiley is going into business for himself. See their full page ad in this issue. GOOD LUCK !

Dear Mabel,

My wife and her mother insist that I'm going to the opera with them. They are wearing formal dresses but I don't own a tux or dinner jacket. What should I wear?

Guy Wire

Dear Guy,

Your foam padded headset.

Mabel

* * *

FIELD DAY — 1960

This will be your final reminder for Field Day. The big dates are June 25th and 26th.

Without a doubt this year's FD will be even greater (if that's possible) than last year's. ARRL reported, Field Day brings out more amateur participation than any other activity in the world. That's a big statement — but true.

To those of you who never took part in FD, don't miss this one. If there are plans for FD don't miss this one. If there are plans for FD in your town, get on from your home station and help the guys and gals in the field. Every contact counts.

PLEASE PLEASE PLEASE, all clubs get in your "tatls" to SKIP before July 15th, so we can publish the scores. Send your logs to ARRL as usual. Send us your totals: No. of xmtrs, location, operators, power, and any other remarks you wish. This will beat QST by several months.

The FLORIDA SKIP FD TROPHY is in the hands of the ORLANDO RADIO CLUB. (W4PLB) They intend to keep it. Will they? Last year the DADE RADIO CLUB (W4NVU) held the trophy for one year. Who will it be in 1960?

Dear Readers,

Thanks for the questions. Keep them coming in, we are glad to get every one. We use all we get provided they have not been covered previously. Don't be dissappointed if they do not appear right away as we try to arrange each column so it will contain several different types of questions.

Mabel

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida

Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

LETTER FROM MOROCCO

(Editor's note: The following was sent in from Tommy Hall K4SDC/CN8 in Port Lyautey-Kenitra, Morocco. Tommy was our SKIP correspondent for Key West last year. Read on.)

"Bill Wright (CN8GJ), Navy Chief Petty Officer and his personal amateur radio station played an important role in organizing rescue operations after the Adadir, Morocco earthquake. Wright, a native of St. Louis, Missouri is stationed at the Naval Air Station, Port Kyautey-Kenitra, Morocco.

A few hours after word of the tragedy, Wright was in contact with another amateur in Southern Morocco and was able to guess estimates of the gravity of the situation. He then bundled up his rig and flew to the French Naval Air Base about 5 miles outside Agadir. Within 40 minutes after arrival the equipment was set up and messages were moving to Port Lyautey. For 18 hours this was the only American communications link to organize the big airlife rescue operations. Most of the messages were concerned with requests for supplies, information on the number of wounded aboard evacuation planes, so the ambulances could be standing by, and coordination of plane flights and troop movements.

Wright and his buddy Walt Jones (CN8GI) a Navy First Class Petty Officer from Preston, Conn. kept the rig going as a stand-by facility after the official radio was installed. Wright and Jones went without sleep for about 48 hours during the first emergency stretch.

I highly recommend Bill Wright CN8GJ and Walt Jones CN8GI for the FLORIDA SKIP AWARD. Both of these boys have already received recognition from the Navy, but I believe that they should be given some recognition from their brother amateurs." 73 Tommy Hall, K4SDC/CN8, Box 6, Navy 214, FPO, NY, NY. (Tommy, the FLORIDA SKIP AWARDS will be mailed to you for relay to Bill and Walt. AC)

LETTER TO EDITOR

Editor, Florida Skip,

I thought your readers might like to read the letter I received from Cuba after my wife (K4ICA) handled the emergency messages regarding the dying child in Havana. Dr. M. H. Tallman, M.D.

"Dear Dr. Tallman: Unfortunately, in spite of all the trouble you went through, the operation of the baby girl, Leticia Lorenzo, had to be postponed because of a cold and temperature. Finally she was operated on in the Mercedes Hospital a week ago. She underwent an uneventful recovery and without any doubt the valve has been working nicely. Today the patient is leaving the hospital and of course I will let you know how the baby is getting along.

I certainly would like your charming wife (K4ICA) to try to get in touch with the same chain of ham radio operators that helped to obtain the instrument, and let them know the name of the baby girls' parents as well as mine and our sympathy and gratefulness for what they accomplished. It is an example of how much can be obtained through human kindness and charity. It is well beyond international boundaries and politics.

Personally I want you to know how stimulating it has been to participate in this beautiful and successful piece of human cooperation.

Sincerely,
Dr. Jorge A. Picaza.

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P. O. Box 501 Miami Springs

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Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, Dade, Forest & Martha Bahr K4SEE/SED, 834 NW 9th Ave., Miami 36, Fla.

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Club, Fort Myers, Ken Stewart, W4SMK, Box 1745, Ft. Myers, Fla.

Club, Lake Co., Irene Conklin, K4LPV RR 2, Box 466, Bassville Park, Leesburg, Fla.

Club, K4GPJ, Red Clotfelter, 660 E. 60th St. Hialeah.

Club, K4RXD, Betty Darsch, 2745 Ave. P, N.W., Winter Haven

Club & Net. Suncoast VHF. Clyde London K4EUJ, 4829 Caesar Way So., St. Petersburg.

Club, South Miami, Joe Caplano Jr., K4VFW, 10260 SW 34th St., Miami.

SCM E. Fla. ARRL, John F. Porter, W4KGJ, Box 7295, Ludlam Branch, Miami 55.

SCM — WEST FLORIDA. FRANK M. BUTLER JR., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

WATCH YOUR BUTTONS

A minister who was well known for his brief short sermons, noticed one Sunday morning that his congregation was getting restless. He couldn't understand it. Finally he spit out the cough drop he had in his mouth, and to his dismay he discovered it was a button. You see this minister always put a cough drop in his mouth at the beginning of his sermons. When it had melted he knew it was time to quit. Somehow or other he had got the button in among his cough drops.

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

The Senator says . . .

(WILEY — W4WSJ)

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FLORIDA NETS
June 1, 1960

Florida Skip's Roster Of
FLORIDA'S AMATEUR
RADIO NETS

Broward Emergency Net (BEN), Mon. 29600 kc., 2100 50,445 kc., 2100

Civil Air Patrol (CAP), M-F 4467.5, 0700. Sat. 4467.5 1830, Sun. 4467.5 1730. Daily 148.14 Open.

Central Florida CD Operational Area M-TH., 145.21mc., 1900

Dare Emergency Net (DEN) Mon. 29,500, 2000. Mon. 50,250 & 145.26, 1930.

Eglin AFB Emergency Net Mon. 29,560kc, 2100

Flamingo Net (Miami) ..... Fri. 29044, & 145.26, 1930

Florida DX Club (FDXC) Sun. 7210kc, 1000

Florida Emergency Phone Net (FEPN) Tue. 3910kc, 1830

Florida Midday Traffic Net (FMTN) M-S 7230, 1200

Florida Net (QFN) M-S, 3650kc., 1830

Florida Phone Traffic Net (FPTN) M-S 3945kc, 0700

Florida SSB Net Sun., 3940, 1700

Florida RTTY Society Net Sun., 7140kc. 1300

FLORIDORA YL Nets Mon. 7225, 0900; Tue. 3950, 2000, Th. 50,330 (C. Fla.) 2000; Th. 50,300 (S. Fla.) 2000; Fri. 7185, 1330; Sun. 7225 0900.

Ft. Myers ARC/AREC Net Mon. 29,000 1900.

GATOR NET (GN) M-S, 7115, 0830

Hillsboro 6 Meter AREC Net Sun., 50,310, 1600. Wed. 51,450, 2000

Inter County Net (Dade County) Mon. 29,600, 2000

Knights of Kilocycles Sun. 3910kc. 0700

MARS (Air Force) Tue. 4595kc, 2100; Th. 4595kc 1800; Daily 143.95, Open.

MARS (Army, Dist. 1 & 2) Daily 4025kc 1900 & 2200. Each half month Districts Swap times.

MARS (All Fla. Army) Tu.-Th. 4025, 1600.

Miami Springs Radio Club Tu. Except 1-3, 29,000 1930

Monroe County AREC Net (Key West) Sun. 3910kc., 1400

Novice Hurricane Net (NHN) Sun. 3725kc., 0730; M-S 7152kc. 0630

Orange County CD Net Daily, 145.2 mc. 1900

Orlando Amateur Radio Club Tue Except 2nd - 29560, 2000

Polk County AREC Net Wed. 145.21mc. 1830.

Post Office Net (PON) Fri. 3820kc. 1800; 1st Fri. Each mo. 28920kc, 1900

Panama City Emergency Net Alt. Mon. 29,560kc, 1930CST

Rattlesnake Net (Pinellas Cnty) Mon. 29,600kc. 1930

Sailfish Net (W. Palm Beach) 2nd-4th Fri., 29,640, 2000

Satellite Net (Melbourne) Sun. 29,500kc., 0900

Southern Coffee Club Net Daily, 3815kc. 0500 & 0700

State Civil Defense Net Mon. 3548.5kc. 2000 Day, 7121.5 kc. Mon., Drill - 3560, 2000

U. S. Coast Guard Aux. Comm. Net Fri., 3855kc. 1815

Wacky Wing Dingers (Jax) Fri., 21,375kc, 2000

W. Florida Phone Traffic Net Daily, 3836kc., 1900CST

MARS OVERSEAS TRAFFIC

1. Traffic can be accepted for transmission via MARS to the following countries without restriction:

Alaska	Cuba
Panama	Canada
Evuador	Peru
Chile	Liberia
Puerto Rico	Costa Rica
Pacific Islands (US)	

2. Traffic can be accepted for transmission via MARS to the following locations only when addressed to the U.S. Military, U.S. Embassy, U.S. Military Mission, U.S. Attache personnel an dtheir dependents:

Azores	*Belgium
Bermuda	France
Central and South America	
French Morocco	Formosa
Germany	Greece
Greenland	Israel
Japan	Korea
*Netherlands	*Norway
Philippines	*Portugal
Saudi Arabia	*Sweden
Tangier	Tripoli
Turkey	

* Mailed to destination from Germany.

3. Traffic will NOT be accepted for MARS to the following locations:

Australia	Austria
China	Denmark
England	India
Indo China	Iran
Ireland	Italy
Mexico	Thailand
Russia	Scotland
South Africa	Switzerland
Wales	

4. Traffic addressed to the following APO numbers will NOT be accepted for transmission via MARS:

22 120 124 125 126 127 129
133 147 167 179 186 190 193
194 195 196 197 198 199 202
205 210 212 214 218 224 232
238 240 241 242 243 289 510
525 755

5. Only official traffic will be sent to the following:
30 113 116 117 118 285

6. Traffic bearing FPO addresses will NOT be accepted.

Q R R R

QRRR is the "official ARRL land SOS." It is a distress call for emergency use only, to be used only by a station definitely asking assistance!

Operators outside emergency zones, deprived of power in major floods and other disasters, have in the past failed to appreciate adequately the problem of battery and low-powered stations trying to clear traffic and establish contact to "outside" points. It is all wrong for operators having picked up an inquiry message addressed to a point in a devastated area to work themselves up to the point of sending "CQ flood area" or sometimes even "GRRR." Listening and cooperating by keeping quiet are practically always best for "outside stations" until they are called for.

Criticism is the one thing most of us think is more blessed to give than to receive.

ZERO BEAT PLS

Turn BFO on and zero beat (on rcvr) carrier of NCS. Then turn on your OSC only and zero beat it. This takes some deft manipulations some times, but good operators know this is the only way to really zero beat with the NCS. AND, after 10 or 15 minutes of operation or standby, do it again. Receivers drift, so do transmitters. The NCS should run an xtal calibrator, switching it on from time to time to recheck his frequency. Xmtr signals tend to drift down in frequency as temperature increases.)

ANOTHER SKIP SERVICE

If you would like a copy of this page to post in your shack, just drop a line to your editor and he'll tell Betty who will address and stamp the envelope and trek down to the mail box with it just for you!

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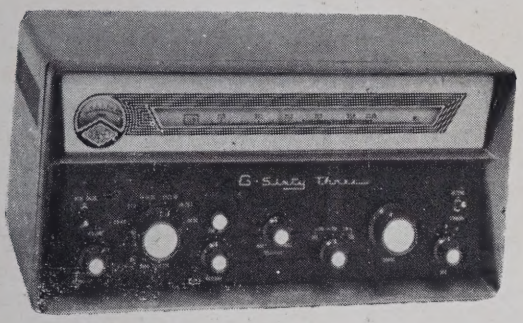

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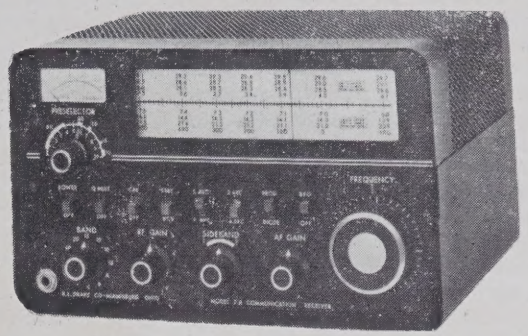

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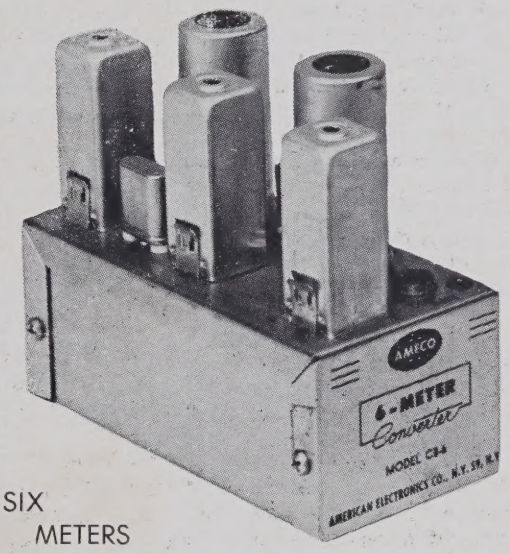

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FLORIDORA YL NEWS

Fran Adams, K4PPX

K4RNS wishes to express her appreciation to everyone for their cooperation in making this news column possible, and wish the new Publicity Chairman Gud Luk. Thanks also to the retiring officers for a good job well done during their term. 33 & 73 Marge K4RNS.

K4ANR is working hard to make Central Floridora 6 mtr net a success. W4BIL will be in her new home soon & will be much more active. K4HSC back in Ga. She was NCS due to skip conditions: K4HXB - Where are you?

K4ICA recovering from surgery in time to perform outstanding Ham Service, in securing medical instrument for Cuban boy. (See special article) K4IFF moved to 1346 Laven Ave., Savannah, Ga.

W4IUR busy cooking India Curry for ANR/W4FE, W4SDR, K4ODS, CJE & family:

W4KJE - welcome on net and a new member and sportcar fan. W4LKM/CWV busy DXing and "tripping." K4LPV is back on 40 and did FB job as NC for Apr. K4RED won a 24 hr. clock at Orlando. Nice to hear you on the air again.

Kn4RDX carrying on the Novice net Fri. 1330 7185 Kc & operates daily on this freq. K4RNS had mike trouble for days. She has 6 mtr rig with beam operating for use in AREC & local activities. Has SWL/portable with transistor BC/SW recvr on 40 & 80. RNS has Alamo Certif and 5th YLCC sticker (26 certificates) Added to shack a new HT 37. K4SMW nice to have her checking into net & reporting on K4SOL who had a few days in hospital. New address 1324½ 28 St. Orlando.

W4UF, Congrats on TYLRUN & Alamo certificates. Worked many DX stations on CW in contest & had high scores in YL/OM. Has gone SSB with a bang. K4UIZ FB job as NC on Sun. Floridora YL Net (0900-7225kcs) starting new Code class May 11th. K4VRV hrd checking into 20 mtr SSB net.

W4WPD reports 117 certificates issued. Lucky winner of a D-104 mike. Her Om W4UFR gave RNS his 1st contact on 3/13 since 1-6-57; K4BDF nice to hear her on net. K4BAL Pres. of Hillard's PTA. Welcome to a new member Kn4VOT Abbey Evelyn.

K4BAL - Mobile with new Gonset twins.

K4CWV - sympathies at loss of her mother.

K4ICA - back with ill parents in Hamilton, Ark.

K4LCD - on SSB completely.

Kn4RDX - nice to have checking in on Sunday net on sons call K4BDT doing a FB job on Novice Net.

W4RED - saw "double", identical twins W4FQS Janice es W0 OXO Janet of Minn, Minn. surprised her when in town.

W0UXO/4 Ruby - congrats on passing general is getting new call K4WFQ.

W4UF - snagged Australia on SSB 0830 one bright morn.

GENERAL NEWS:

New custodian for TYLRUN sertif: K5POS Ethel Chastain, 338 Seabrook, San Antonio, Tex.

Reminder: FLORIDORA YL Certificate Custodian: Shirley Hill, W4WPD, send fifteen cents and QSLs.

15 Meter Cross-Country YL Net QRTs April 27.

20 Meter Tangle YL Net will continue all summer.

FLORIDORA ACTIVITIES

The Floridora YLs held their 3rd Annual Meeting in Orlando at the Cherry Plaza. New officers for 1960 are: Pres., K4RNS; V.P., K4RED; Treas. K4HSC; Sec'y., K4OYB; New Chairman Membership, W4BIL; Certif., W4WPD; Historian, W4HRC; Directory K4ANR; Publicity, K4PPX; Reporters, K4RED, Kn4RDX, K4UIZ. They are all hard working gals and we know they will do a good job.

Orchids to EV-K4UIZ for a wonderful job well done as hostess to the Sat. Nite Floridora & Om 3rd Annual Birthday Party. The cake was just beautiful & good. Need any aspirins, EV?

GOOD NEWS: Floridoras voted to buy a die to make Floridora pins. Pins may be purchased for $1.00. Contact W4IUR-Mim.

To Last Year's Officers and Chairmen:

We all thank you for a swell job and all the hard work that you have done to make the Floridoras what we are today.

Our adopted DXYL is OQ5IE Jane Hiernaux B. P. 403, Stanleyville, Belgian Congo. Why not drop her a line gals?

DUES DUES DUES — Don't forget them Gals?

The clock has been sent to K1IZT in Mass., for a prize, as a gift from the Floridora YLs for the YLRL convention in June, at Cambridge, Mass. Hope many members can attend.

DX IN FLORIDA

By C. J. Bolvin W4LVV

Erratic band conditions have produced the usual combinations of groans and glee, depending on whether or not "you were there" when the band opened. For example, several of the South Miami DXers were lucky enough to be around when CR8AC came booming thru on about 21160 AM fone. K4LRA was doing night owl listening around one or two o'clock in the morning to collect K6CQV/KS6, KM6BU, KJ6BV, KC6AS, and KG6AHF, all on 21 MC fone.

W4AZK, K4SXO, K4YCW, and K4YWZ along with others were up early in the morning around seven for such as F B 8 X X, FB8ZZ, VS9CC, YJ1JF, HL9KT, HL9KS, and KC6JB on 14 mc cw. 21 fone in the evening has had VE6AAE/SU, FG7XH, and 9G1DN on deck, and between noon and three PM, such goodies as I5TUF, YA1BW on 21170, and LX1DC. On 14MC fone K4SXO, W4LVV, and a few others in the Miami area landed FR7ZD on 14160 AM. 9N1CJ has been busy on 14310 SSB but the gang have found it difficult to break thru his tight circle of skeds.

Very sad news via FB8CJ to W4LVV. FB8GP, scheduled next for the "Argonaut" SSB rig in the Comores, died suddenly from a heart attack. Another Silent Key is ZD3E who has supplied many with a qsl from Gambia.

DXers W4DQS, W4CWV, W4EEO, W4LDF, W4BWP, and W4LVV got together with ARRL Director W4ZD (who is DXCC by the way) to discuss some questions with him before his attending the Board Meeting. This meeting (at the Orlando Hamfest) resulted in a call to Fla. DX Club members to give Bubber their opinions on such items as the QSL Bureau system and DXCC policy.

Big disappointment of the month was HK0TU. W4CVI, W6HAW, W9DUB and three HK hams tried awfully hadd to get ashore on Malpelo but after two days they had to give up. W4CVI met with Fla. DX Club members W4GNT, K4DRO, K4SXO, K4YCW, K4BCN, and W4LVV on the day before departure and was presented to the gang by W4LDF. Hank explained that there was no assurance that they could land, so the final failure was not entirely unexpected. With the help of the Colombian Navy, they succeeded in getting the generator ashore but heavy seas prevented landing any more gear. As of deadline time, we understand they did recover the generator. Hank has promised that arrangements will be made so that DX clubs wishing to obtain copies of color slides taken in the vicinity of the island can get them at a nominal price.

73 CUL Chuck

WEST FLORIDA OPAL-60

Frank M. Butler, W4RKH

Approximately 30 amateurs in Okaloosa County furnished communications for the County C.D Director during OPAL-60.

At the county seat, Crestview a 10 meter communicator was used as NSC in the office of the CD Director, located in the basement of the courthouse. Antenna was a ground plane on the roof, about 60 feet above round. Alternate NCS was located in Fort Walton Beach, the other large town in the county, located about 30 miles south of Crestview.

In addition to the above, temporay fixed stations were installed at the CD centers of three other towns in the county; Destin, Valparaise and Niceville. Equipment was loaned by individual amateurs.

Smaller towns and communities were covered, as necessary, by dispatching mobiles from one of the fixed stations. One or two mobiles were based at each of the five fixed stations. As a part of the drill, mobiles were dispatched to all parts of the county, measuring 30 by 60 miles, to determine if there were any "dead" spots. During these tests, the mobiles were able to maintain contact with at least one fixed station at all times.

Contact outside of the county was as prescribed in the State RACES Plan. Okaloosa County contacted Pensacola, control point for Western Florida, and they in turn maintained contact with State C.D. headquarters in Jacksonville.

Primary frequency for county operations were 29,560kc. Communication with Pensacola was on this frequency, with a backup channel on 3836kc. Two fixed stations were equipped with 75 mobile and 10 meter equipment. Tests were made Periodically between these stations and 75 meter mobille units to determine the county coverage on this band.

About 30 messages were handled during the 25 hours the stations were manned. Some areas for improvement were noted, but the test was considered a success, at least from the communications standpoint.

HAM'S PLEA MAY SAVE DYING CHILD

The above headline appeared in the Sunday, April 3rd, The Miami Herald. The story by Gene Miller tells the true story of how V. Mayree Tallman, K4ICA, a member of the Floridoras, started the search for a brain surgical instrument. Here is the story.

"A rare brain surgical instrument — the only one in Miami— was flown to Havana, Cuba Sunday, April 3rd, in hope of saving the life of a dying 10-month-old infant.

Jackson Memorial Hospital doctors packed the instrument for shipping late Saturday night — after the plea for help was relayed in a near-fantastic link of ham radio operators.

All day long Saturday (April 2nd) a ham operator in Havana tried futilely to radio Boston for help, believing Boston was the only city likely to have the instrument.

A Caracas, Venezuela ham (YV5ACd) overheard the attempt.

Saturday evening a woman ham operator in Miami, Mrs. Vera Mayree Tallman, (K4ICA) was trying to reach St. Louis. The Caracas operator heard her, intercepted, and told her of the plight of an unnamed Havana child suffering with water on the brain.

Mrs. Tallman is married to Dr. M. H. Tallman, a Mercy Hospital phisician. The name of a Havana doctor was relayed and Dr. Tallman promptly telephoned Havana.

The Instrument needed: Pudens ventriculo atrial shunt, a brand new devise which establishes drainage between the brain and mastoid. It is 3 feet long and was constructed only last year. Dr. Tallman then telephoned Jackson's chief brain surgeon and learned the hospital had one. Dr. Tallman said he would buy the instrument if necessary."

Editor's note: I talked to Dr. Tallman today (April 21st) and he still has not heard the outcome of the operation. He did buy and ship the instrument at his own expense.

A new term by General Radio Corp. "Immittance"! This is a term used in a new line of test equipment that will measure four terminal circuits. "Immittance" is a combine of impedance and admittance. The price tag for the basic unit, less accessories is $1665.

HELLO MIKE

BELL LABS have announced new piezoresistive solid-state device that has interesting properties as a microphone. Compared with the old stand-by the carbon mike, it requires but one-fiftieth the power and one-tenth the current to produce a given value of voice-frequency current from a standardized amount of accoustical power. Sounds like a natural for mobile use, doesn't it? (From Collector-Emitter.)

BELIEVE IT OR NOT

Did you know that you can cross France all the way from the Atlantic Ocean to the Mediterranean Sea by boat.

Did you know in Mexico that there is a Federal law that forbids the embalming of a dead person, and the body must be buried within 24 hours.

Did you know an old time belief is, if someone was telling you something and you sneezed they were telling you the truth.

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*Patent Pending

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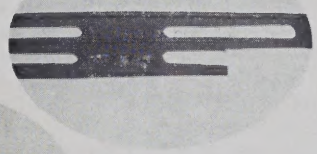
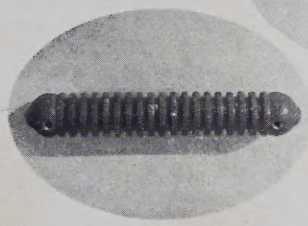
MODEL NO. 2-BD $34.95

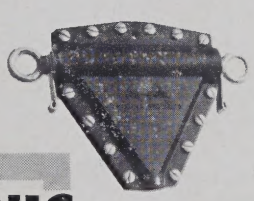


6, 10, 15, 20, 40 and 80 Meters

At last a highly efficient all-band doublet that operates as well on the high frequencies as it does on 40 and 80 meters. Overall length 130'. Net weight only 5 pounds. Complete with new molded plastic center and end insulators.

MODEL NO. 6-BD $37.50





6, 10, 15, 20 and 40 Meters

For the ham who doesn't have space for the 80 meter section, 6 through 40 meter coverage in an overall length of 64'. Complete with new molded plastic center and end insulators. Net weight only 3½ pounds.

MODEL NO. 5-BD $29.95

6, 10 15 and 20 Meters

Only 32' long! Installs almost anywhere - rooftops, attics, etc. Excellent for portable or temporary operation. Rolls up into a small package for easy handling and transportation. Complete with new molded plastic center and end insulators. Net weight only 2¾ pounds.

MODEL NO. 4-BD $21.95

Center Insulator

Supplied in all Hy-Line Doublets, the new center insulator is also available separately. Molded of high impact cycolac plastic with all hardware iridite treated in accordance with military specifications. Furnished with silicone grease for weather proofing. Accepts either ½" or ⅜" diameter coaxial cables. Weight only 6 oz.

MODEL NO. CI $3.95

End Insulator

Supplied in all Hy-Line Doublets, the new 7" end insulator is molded of high impact cycolac plastic with aluminum bushings. Heavy serrations increase leakage path to approximately 12". Weight only 2½ ounces.

MODEL NO. EI $1.00

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VHF IN FLORIDA

Allen A. Engleman, W4RMU

This column is a revision of t e old "Six Meters in Florida" You will find the States Worked 50MC box elsewhere in this issue. All contributions regarding VHF are welcomed. Help make this column a success by sending in unusual propagation, contacts, a new rig or gimmick that you think should be passed along, etc. Let's make this everyone's column that is interested in VHF.

50MC blossomed out in May and turned up many interesting contacts. K4UGA, Al, from Hialeah, writes that he and K4RKV each worked their 35th state on May 7th. K4UGA has a Gonset Communicator 111 and an eight element beam. K4RKV, Carl, has a home brew rig running about 50 watts. K4UGA says that they had a wonderful opening May 6th and 7th to the 1, 2, 3, 4, 5, 8, 9 and 0 districts. They both have 5 countries. Welcome both of you to the Florida Skip 50MC States worked honor roll.

On April 27th one of the best transequatorial openings for the season opened up around 2200 EST on 50MC. Several LU stations were in with some flutter but fone was very readable. An hour or two before OA4AAE in Peru was coming through with no flutter. During the time that the stations from Argentina were coming through, HC1FS in Equador was in S7 to 8 with no flutter. All this seems to add up to transequatorial propagation across the equator to northern South America and sporadic E double hop to the southern part of the U.S.A. This TE across the equator to northern South America is a common occurrance this time of year. A good session of sporadic E double hop should give us plenty of this kind of DX. LU stations were worked by stations running as little as 50 watts.

Effective June 6, 1960, 50.0 to 50.1 MC will be open to A1 (CW) stations only as will 147.9 to 148MC. Most of you will have gotten the word by the time this column goes to print, but in case you haven't take warning. This was a very controversial subject in some parts of the country, causing dissension between CW and fone men. Now that it is settled let's bring out the true ham spirit and become friends again. After all many CW men are also fone men and many fone men are also CW men. When it's all over abou the only harm done is that both will have to purchase new crystals.

144MC in Florida has been treating us well as is usual this time of year. No long distance openings have been reported since the big Texas opening last month but conditions have been good many times over shorter distances. W4RMU Jacksonville, and K4IFI, Hollywood, continue to make regular 144MC contacts with signals 1 to 2 S units better than the same distance on 50MC. K4IFI runs 700 watts and four, seven element quads. W4RMU runs 700 watts and two 13 element yagis. K4IFI can be read on SSB or CW with Q5 readability a good deal of the time. When K4IXC, John, Melbourne acts as relay station excellent reliability is realized over this 350 mile path. John runs only 120 watts and a single 28 foot long yagi. This work has been carried on around 2100 to 2200 EST with little attempt during morning hours which should prove even better.

Interest is picking up rapidly in 432MC. A number of stations scattered throughout the state are in the process of building for this band. Several may even be on the air by this time. Interest is also picking up on 220MC. Any of you doing work on either of these bands drop me a line and let's all keep informed through this medium as to the progress. I will be glad to list frequencies of stations operating in either of these bands.

In sumation, VHF is definitely on the upswing in Florida, a state well suited to this portion of the radio spectrum because of its unique position, being almost completely surrounded by ocean. Send in your news about VHF and lets keep all informed of our progress.

K4SJH NEW OBS SKED

Al Hamel, K4SJH of Pompano Beach released his new Official Bulletin Sked as follows: 0815, 1100 and 1630 on 7195kc. The speed will be at about 15 words per minute. Here is your chance to get in some good c.w. practice Monday thru Saturday. "Ham" is Route Manager for Eastern Florida ARRL section and requests all interested amateurs participate in the Gator Slow Speed Net (GSSN) any day from Monday to Saturday on 7115kc at 1000. All NCS's are instructed to keep the speed down real slow. "Let's put the mike aside and learn how to handle traffic on c.w. - you'll be surprised how much fun it is."

AMATEURS COVER ELECTION

(Editor's note: The following was received from the State Capital News Room in Tallahassee, Fla. Do we hear a nomination for the "FLORIDA SKIP AWARD" for this crew?)

Ham radio made the difference in helping a Tallahassee broadcast station, WTAL, beat its competition by wide margins in reporting election returns from local precincts in the May third primaries. The other station made no use of ham radio and relied on commercial telephone facilities exclusively.

Thanks largely to ham radio, according to George Thurston, who produced the election report, WTAL was able to beat the other station in ten of the county's 11 voting precincts. The margins ranged from a few seconds to more than 20 minutes on each precinct. In the five city precincts wher ham stations were located, WTAL's margin was never less than five minutes ahead of the opposition. Thurston, who is W4MLE, participated only as a broadcaster.

The Tallahassee Amateur Radio Club supplied operators K4IYJ, W4UEU, K4GXV, K4MZT, K4JMN, K4OHR and W4GAA who served as Net Control Station. K4OHR used a 10-meter mobile at a rural precinct 18 miles out of town, but equipment trouble at the last moment provented his making contact with W4GAA.

The other stations used a two-meter circuit and their transmission were phone patched directly onto WTAL's air. Special authorization of the FCC was required for WTAL to rebroadcast the transmissions of another class of station but no special authorization was required for hams to permit their transmissions to be picked up and rebroadcast. (The ham rags permit it.)

Station staffers, posted at W4GAA's shack, kept a phone line open to the WTAL newsroom for several hours and frequently requested spot information from slow precincts on how the voting an dthe counting was going.

Two station staffers were assigned to each precinct to get the returns and tally them. The reporters then gave tally sheets to the hams and dashed to the nearest telephone to try to beat the ham radio report onto WTAL. Another WTAL staff team at the county court house was picking up reports from the voting registrar's office and trying to beat the precinct reports into the air.

In every case, the ham radio report was first.

SUNCOAST VHF CLUB

and

SUNCOAST 6 METER NET

ST. PETERSBURG, FLORIDA

The Suncoast VHF Club is growing fast, had to revise our Constitution and By-Laws to fit the growth, have them all printed and ready to pass out to the members, along with the names and address of all active members.

Hilda K4EAC back from Winter Haven where she attentded a two day "cram course" on Title Insurance at the Branch Office of Lawyers Title Insurance Corporation.

Joe K4LLG and XYL June K4AQM back from a two week's visit to Joe's folks in Virginia.

Welcome to Huddy, former W4MAO now K4OND, has a The 6 meter guys and gals Gonset with liniar.
turned out in fine shape for the CD alert. Job well done boys.

Club planning a picnic to be held this summer soon, will be for family and any other hams and family that would like to get together for the usual eyeball QSO, more about that later.

Working on a Club Certificate for WORKED ALL SUNCOAST VHF Club, Jim K4LYS submitted prices for printing.

Warren K4BMW doing fine job as net manager, has appointed Don K4CEX as net control. Don lives in Dunedin.

73
Clyde London K4EVJ

ORCHIDS TO K4ICA

K4ICA-V. Mayree of Miami, heard a Venezuela station calling for Boston for an emergency for new instrument needed for brain surgery on a child in Havana, Cuba. V. Mayree answered him, and as her OM is a Physician/Surgeon they called around Miami and found the needed instrument. The Dr. purchased it and put it on a plane to Cuba at once. No results of the operation have been secured as yet. The news was announced over all Radio Broadcast Stations and carried by News services.(V. Mayree of course informed the Venezuela Station as to their progress and fine results). To V. Mayree goes the FLORIDA SKIP AWARD for her outstanding public service.

OLD TIMER'S CHAIR

Hank McMurria, W4TAS

In Bradenton, Florida there is a transplanted Michiganer whose radio activities date back as far as 1911. He is E. H. "Ed" Bremer of Douglas, Michigan who now calls Florida his home for most of the year.

Ed lives in the same trailer park as his long time friend Royal Dickson, W8FDQ who hails from nearby Saugatuck, Michigan. Dick was responsible for getting Ed back into ham radio after a prolonged absence.

Ed's first introduction to radia was back in 1910 when he had a chance to visit the old Clark Wireless Company's station in downtown Detroit. Later he visited the United Wireless station at the foot of Grand Boulevard where the operators were Ross Keever and Chuck Beals.

He built his first station in 1911. It consisted of a one inch spark coil, glass plate condenser, straight spark gap, and helix. The antenna was a four wire "L" shaped affair supported by ten foot spreaders, about forty feet above ground and approximately 200 feet long.

The receiver was composed of a loose coupler, silicon detector, variable condenser with a fixed condenser across the ear phones. An E. I. Company's electrolytic interrupter was used in the power line to furnish the power and his call at the time was his initials EB.

In 1912 Ed was licensed 8DG and held that call until 1917. In early 1913 he received his 2nd grade commercial operators license and in 1914 his first grade license. James F. Dillon, a well known name in FCC circles, gave Ed both examinations and licenses and Ed recalls his disgust at the lack of knowledge of elementary physics.

It was in 1913 that Ed put together his 1 KW rig that contained a full kilowatt closed core transformer, Clark plate condenser, rotary spark gap and oscillation transformer. The receiver showed few changes since the DeForest audion tubes were available only to a very few.

During the year 1916, Ed operated commercially on the Great Lakes at the close of his freshman college year. He served aboard the Eastern States, Western States and the City of Detroit II. He recalls his first experience with a woman operator. He was visiting via air with the Canadian station at Sarnia, Ontario and saying "good night om" only to have the operator come back with "This isn't OM, it's OW." That preceded the era of yl's and xyl's.

Ed states in his letter that then, as now, the chief pleasure to be derived from wireless telegraphy was in making new friends. He was fortunate in making many, although many of the old timers have joined the silent keys. He knew a number of the real pioneers in the game and prizes very highly a letter that he has from one of them.

To go back to Ed's 1 KW rig in 1913 and quote from a letter to the Editor of CQ magazine of July 1957:

"For a time I was the proud owner of the old Marconi station wireless shack. Dad and Mother saw that I was an incurable case and bought the little building for me and had it moved to our home at 301 West Forest Avenue in Detroit after the Marconi Company's tower blew down. It was obout 10 by 12 feet in size and sheathed in corrugated iron. When the 1 WK transmitter was turned on, beautiful sparks could be drawn to the fingers of anyone touching the side of the building with surprising results."

Ed dropped out of the ham radio game in 1917 and did not get back into it until 1955 at the insistance of his good friend W8FQD/4. Both Ed and Dick picked the same trailer park to set up their Florida home and practically use the same antenna, their trailers are so close together.

To quote Ed, "As a retirement hobby, radio can't be beaten and I know of no other state where hams are so uniformly courteous and friendly; It is no wonder that I look forward to getting back to Florida each autumn and also reading of ham activities there in Florida Skip."

FCC THANKS "00"s

"We feel that the cooperation extended by ARRL through the Official Observer system, QST editorials, and the support you have given us in many other ways, has helped to maintain the **Amateur Radio Service** as a well regulated endeavor considering the 200,000 amateur stations that are licensed by the Commission. Sincerely, Geo. S. Turner, Chief, Field Engineering and Monotoring Bureau, Federal Communications Commission."

The Official Observer's appointment is a very interesting and helpful one. If you are interested in helping your fellow amateur by giving "00" reports, drop a line to your SCM. Florida SCM's are listed on page 2.

KEY WEST NEWS

The US Fleet Sonar School in Key West now has an amateur club and complete station. Our call letters are W4NDJ. W4NDJ is also known on the FMTN. At present W4ZBF and W4CNZ are handling most of the traffic.

Our first class of novices is moving rapidly toward their licenses. A new operating position for novices is just about ready for their use when their tickets arrive.

Another new club is now in operation. It's the NAS Amateur Radio Club, K4NCN, and they too are on the air with a Heath TX-1 Apache, 75A3, Johnson II, SP-600, Harvey Wells TBS-50D, 15 and 20 meter beams.

W4ZBF finally got his new SX-111 — "real hot", he says. He's now waiting on his DX-100 to arrive. Russ K4FQV, St. Petersburg attached to SubRon 12 for 2 weeks active duty dropped by W4NDJ this week to give the xmtr a little work out and keep himself in trim.

The Key West Amateur Radio Club (W4LLO) meets on the 2nd and 4th Monday each month at 1930 hours at their club house, corner of White St. and Southard St. All are urged to participate in their club activities. We have volunteered to assist them during Field Day Activities 25th and 26th of June. Both licensed and unlicensed operators are needed to help operate and keep logs during the annual outing. It's lots of fun so join the KWARC.

Remember F.S.S.A.R.C. meetings are first and third Mondays at 1600 in the Club Station. Welcome!

Fear knocked at the door. Faith answered. No one was there.

ARRL OB 752

Amateurs are invited to participate in the June VHF QSO Party scheduled for June 11 and 12. This contest to be held from 2 PM Saturday through 10 PM Sunday, local standard time, is open to all amateurs who can work any band or bands above 50 Mc.

Those participating are reminded to observe the new CW segments at 50.0 to 50.1 and 147.9 to 148 Mc. This is effective June 6 and therefore will be in effect during the contest. New log forms have been devised and all are urged to make requests now for these free log forms from ARRL. Full details are on page 64 of June QST. Mark your calendar for the June VHF Party, June 11 and 12.

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LAKE AMATEUR RADIO ASSN. INC.

By Irene Conklin, K4LPV

New officers elected April 1st for Moron Net: Chief Idiot — K4IGP, Bill. Imbecile—W4AFH,

Recent visitors at club: Caryl Suttkus, Leesburg. Bruce Davis, Leesburg, Mr. and Mrs. Chas. Rudd of Auburn, N. Y. Chas is brother of K4IGP. K4GOX, Art, and friends were also present one evening.

One new member has been added to the roll — Carl Sherman Jr., Leesburg. Ruby McMillan, ex-K0UXO now has her general and new call — K4WFQ. OM, Joe and Ruby attended club meetings.

Letter received from W9DDC — W4PSP, Walt, he gives regards to all.

On Apr. 8th, W0VWF, Claude Borrett of Des Moines, Iowa, gave an interesting talk on CD work in Iowa. He is State Radio Officer of CD. He was accompanied to club by his XYL, Lucille.

Our prexy, W4SXJ, Bob, was absent from meeting while visiting in Ft. Myers.

Apr. 3rd was the date when a group from LARA met at QTH of K4IGP, and XYL Kay, to help erect antenna pole for ground plane antenna. All were given lunch by Kay.

K4TLP, Pearle and W0UDU, Marge have gone North for the season — are located at Okoboji, Iowa.

One member, James McKnight, K4EMB, has completed his initial course of Air Force basic training and will attend the technical training course for Radio and Radar Maintenance at essler AFB, Mississippi.

Mt. Dora Yacht Club sent a letter of appreciation to club and members who participated in the regatta Mar. 27th. Three rigs were furnished for communication, one base station and two in boats.

On Mar. 16-17, the CD net was on the alert during a storm warning.

Covered dish supper at clubhouse Apr. 29th, with activity mgr. K4ISF, in charge. Good crowd. Films were shown on Bikini Tests and other CD Communications.

Say, did you hear about the Ham who was hard of hearing and wired his hearing aid to his receiver. Result? You guess!

Communication was furnished May 6th for the watermelon festival at Leesburg. Ten units participating, assigned to positions along the parade route and one at Leesburg airport.

ORLANDO HAMFEST

Over 1,000 amateurs and their families enjoyed the BIG weekend of exhibits, lectures, meetings and bagfest at the Orlando Hamfest held at the Cherry Plaza Hotel the 23rd and 24th.

There were over 200 at the Sunday Banquet in the main ball room. Mr. Bubber Born, W4ZD, ARRL, Southeastern Division, gave an excellent report on the results of the Geniva conference and other A. R. R. L. activities. Bubber also directed an ARRL appointee meeting on Sunday morning. Many good ideas were exchanged from persons attending.

The Mayor of Orlando welcomed the amateurs to Orlando and gave the highest praise for the fine work the AREC and RACES members did during the recent flood. Mr. Knight, chairman of the American Red Cross, gave a run down of effects during the flood. The Orlando Amateur Radio Club Inc. have their club station W4PLB set-up in their private radio room at the Red Cross Building. They also have a large emergency generator mounted outside the radio room, which is completely air conditioned. They hold their meetings in an adjoining hall.

Getting back to the main banquet, everyone was glad to hear all the short speeches. They were short, but interesting. The food was excellent.

Sunday morning the Army MARS group met for an interesting meeting. (See MARS column elsewhere for details.) Other meetings held were SSB, Nets, Knights of the Kilocycles, Floridoras and the bar was held attended too.

Scores of prizes were donated by various companies were won by lucky ticket holders. The main prize, HQ1-70C was won by Joel Kent, W4OVZ, of Orlando.

The Exhibitors had a field day, showing off their equipment. One exhibitor went crazy selling out their back stock of amateur equipment. They sold everything they brought over, except about 2 items. The Florida Skip booth was well visited by hundreds of amateurs. It was good seeing all our old friends and our sincere thanks to everyone who stopped by and joined up or renewed their Florida Skip membership. It was great!

CD Net was active during the alert May 3-4-5, under direction of W4YAN, Earl Roth, Radio officer of Lake Co., assisted by club president and E. C. W4SXJ, Bob Henry and Karl Lehmann, County CD Director.

ST. PETERSBURG AMATEUR RADIO CLUB

Cathy Seeds, W4BAV

SPARC has been having a little rough time since our last report. K4PMK - Curt, due to pressure of work and studies, resigned as President; and, after much unsuccessful persuasion, his resignation was accepted with regret. This automatically placed the Vice-President, W4BAV - Cathy in the "drivers seat". W4BAV presided at the April 15th meeting, but further complicated things by announcing she did not feel she could carry on the Presidency and requested she be allowed to resign and a special election run to choose a new President. Hence, the special election was held at the May 6th meeting, with the results being W4LTE - Wayne elected President and W4BAV - Cathy, Vice-President. So congratulations to Wayne and we know the Club will progress in his capable hands.

The Orlando Hamfest, April 24th, was enjoyed by many of the local "hams". W4BIL - Fran, W4WME - Bill, W4TDK - Naomi, W4WPD - Shirley, W4UFR - Earl, W4BAV - Cathy, W4VCX - Guy, K4LPT - Sandy, W4GGJ - Doc & XYL, K4EHY - Danny and probably others whom we did not see. Many of those mentioned came home with prizes won at the Hamfest. W4TDK - Naomi and W4BAV - Cathy had a real thrill at the Hamfest when they met W4KNP - Phyllis and W4JVF - Bill, her OM. Naomi and Cathy first met Phyllis at the Chicago Convention and again in Washington, D. C., at the Convention. Congratulations to the Orlando Radio Club for a fine Hamfest.

Happy to report W4MCT - Red Davis is home and doing nicely. If you want proof, listen for him on the air, as he is once again able to throw switches. Hi! Good luck, Red and a quick and complete recovery.

By the time you read this, K4HQA - Art and XYL - Chubby, will be "a fer piece" from home, as they are driving out to Wyoming, Colorado, and many other places in that territory, visiting the XYL's family.

K4USK - Jim was under the weather for some time, but never ceased working on getting out publicity, etc. on the coming SPARC Hamfest. Sure missed you, Jim, at the Orlando Hamfestand sorry you were sick at the time.

W4RUR - Ed is the proud owner of a brand new Collins 75S1 and is having "a ball" with it. May 14th he worked 2 stations in Germany, 2 in England, and heard a Russian station who did not come back any one answering his CQ.

K3LFZ - Esther (ex-W4LGJ) and W4BAV - Cathy are looking forward to attending the YLRL 3rd International Convention, at Cambridge, Mass. June 17th, 18th & 19th. So SPARC, SPARCYLS, FLORIDORAS and the Suncoast VHF Club will be represented. Hi! Cathy is also looking forward to seeing former SPARC members K1IZT - Blanche (ex-W4GXZ) and OM, K1HTK - Wes (ex-W4COW), who now live in Farmingham, Mass. Blanche is very active in the WRONE (they are sponsoring the YLRL Convention) and is busy working on one of the Convention Committees. "Cambridge here we come!"

Plans are beginning to shape up for SPARC participation in Field Day, June 25th & 26th; so when you hear W4GAC/P Field Day give us a shout.

WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Tallahassee: Now officers of the TARC are K4OHR Pres. K4HQC V. Pres. and K4MZT Sec'y.-Treas. The 10m net has grown to 10 members. W4HXB is the NCS, operated by K4MZT MLE has renewed ORS appointment, and is active on QFN with a DX-100 and HQ-110C. UEU GAA, YUU, K4OHR and possibly others, along with W4KQP from Perry, attended the Orlando hamfest.

Ft. Walton/Eglin AFB: K4UBR put out another FB Fla. CW Net Bulletin. A 2-meter MARS Net is being formed, using 143.95 mc. A fine turnout was had for Operation Alert 1960 in Okaloosa County. 18 operators manned 7 fixed stations, in addition to 12 mobiles, during the 2-day effort.

Seagrove Beach: K4QVL was host for a picnic for W. Fla. Phone Net members. Now we know what those voices look like!

Pensacola: MS raised DX score to 170. K4FTI is active on 2m. K4QAC and K4RMO are meeting MARS Nets. W4MLH has moved to Pensacola after retiring from Navy.

Milton: K4BSS has moved here from Pensacola, and has been appointed ORS. K4HOX is active on 75m and in WFPN.

6 Meter

BROWARD COUNTY NEWS

Fran Adams, K4PPX

Sparotic "E" is back with us agn. The fellows and gals have been working most of the eastern half of the US and nearby Canada. Seems like old times with the band QRMed with multitudes. The newcomers on 6 have been enjoying the openings and are picking new states and certificates. KP4's are in almost daily and we find that there are many new stations down in KP4-land, some as low as 1 watt input working successfully.

Poor K4HIL Herman has put his "KW" in mothballs and is using a detuned Gooney Box to keep the peace with his neighbors. Poor Herman K4SUK-Gary finished a High Power Linear with a 4-400. Has been heard on SSB-6 mtrs. K4BZ-Al is having this troubles with TVI but was in there pitching during the openings.

W4KVU-Jim is now settled in Margate and putting in a nice signal. The Ma-Bell Boys are heard every afternoon mobiling home from work. K4RCV-Bill is putting out a nice signal with his Seneca, we will be hearing from his xyl Jeri KN4RCX as soon as she drops the "N". K4QYB - Norm has been having rig trouble but still remains active with Gooney Box.

W4LPR-Adele is getting ready to move in new QTH, her OM W4IMZ - Red is now studying in Jacksonville at Ma-Bell's expense. K4QJP - Val; W4HGT Pat was most helpful YL during the CD Alert. W4FNR - Ab was the honor speaker at the Hollywood Club Dinner and gave an illuminatibe talk on VHF. K4VGD - Jean got his appointment as OBS.

W4NUT - Geo. has gone "NUTS". He has been enjoying 6 and having great fun with his call. Congrats to W4CZP - Clarence who now has a General Ticket. Don't forget us on 6, Clarence. K4QQE - Arch finally passed the half way mark towards his 25 KP4's certificate. K4PPX - Fran needs 4 more OM's of license xyl's for the "Seldom Heard OM" certificate.

K4ACF - Nancy wants a new mike cause the one she uses is too sensitive even picks up the neighbors. K4IQS - Chuck scrambles madly to get the rig back on Thursdays for Nancy. K4IWC - Ralph is now checking into the net and building a new modj.

THANKS FROM RED

K4RED Lucy wishes to express her appreciation to one and all for their cards, letters & visits to the hospital and many expressions of concern during her recent illness. She underwent major surgery in the hospital in Orlando. She wants everyone to know she is sure that all this helped her make a satisfactory recovery. She especially wants the Floridora YLs to know there are no words that can find to express her deep emotion and thanks so all she can say is "Gee, Tnxs", God Bless You All.

K4JRQ - Ken doesn't like Channel 2. K4CRU - K4JGU * W4ETH have been having a bit of antenna trouble. K4CRU - is still giving code practice every Wednesday and Friday. W4CQP - Chuck has been working all the openings and enjoying ragchewing with back home in Ohio.

K4KEX - Dick has a long John on top of telephone pole. Nice sig, Dick. W4FEU - Ann and K4CZW - Bandy back on 6 after a long absence and enjoying the openings. W4GGF - Al is quite active. K4RHZ - Frank is mobile. K4IJM - K4IFI enjoyed themselves at Orlando and ragchewed with many VHFers.

K4KHL - Frank where are you? K4OYR - and K4MDZ have been heard but not near enough. K4FIA - Pat has been enjoying the opening during the day for he has been on nights. K4ZPV - Van puts a swell sig with his G-50. Th new Early Bird net is very confusing but enjoyable. Get up early and join in with the fun.

The B.C.C.D. net cooperated during the May 3rd CD Alert. Hats off to K4RCV-NCS and K4QYB - Norm stationed at CD Hqds. and TO ALL the members who participated in making the operation a big success. Tnxs to Lovey W4AHZ for the opportunity to help . . .

SOUTH MIAMI RADIO CLUB NEWS

Joe Caplano Jr., K4VFW

The reason for not hearing from this club lately is because we have been busy going no place, and very busy doing nothing. However we have been busy at the club station K4JVA in Coral Gables, putting up partitions and making things cozy. There must have been a lot of trouble with the rig too, because Frank Ireland K4UUO would keep saying "pass me a 807." He must have gotten it fixed because he staggered away happy and smiling.

Dick Levin, K4JJQ has pulled a nasty trick on his fellow technicians, he passed his general. Good DX Dick.

We also have our first YL general in the club too. It's V. Marie Tallman, K4ICA who is now in Arkansas, known as K5LXA up there. Another new member is Jo, CR6CA, Angola, Africa. He runs a sked with Jerry K4SXO, if any DX hounds are interested, see Jerry for time and frequency.

In the "take-me-to-your-leader" section, have you seen Vigil Salisbury K4VSC down the street in his English Ford with its 6 meter whip, his goat-tee and muostache, and pipe sticking out of his mouth? Boy!

Ernie Tischer, K4KIC has been moving around a little lately and can now be found at his OLD QTH again. We believe he did all the moving just so he could get his "own room." His new shack has a new HQ-170 in it too.

Dick Caplano, K4KEG President is killing his chances for reelection next year, he's trying to get everyone to pay their dues.

Have you seen Bob Watson, W4DTV's new crank down antenna? It's at C.D. Center. It's 265 feet high. How about a demonstration on how it will come down Bob?

Jerry Kratz K4LRA and John Garcia K4YCW had their picture and story in the Miami Herald. They helped get our SMRC AWARD to a Russian amateur.

Good news for Florida stations, more members will be on 40 meters soon so that you can get our SMRC AWARD.

Jerry Simons, K4KXX has gone SSB along with Joe Glenn K4ZDQ. Whatever happened to AM and CW. SMRC meets 1st and 3rd Friday, 2,000 at CD Hq. Stop by and say hello.

FLORIDORA NOVICE NEWS

The Floridora YL Novice Net meets at Thursdays 1330 on 7185 kcs. All Yls are invited to join this net. KN4RDX is net control. She is interested in hearing from any novice Yl. Her address is RFD 2, Stuart, Fla.

At present there are 7 members: KN4JZX; KN4IIR; KN4UNV; KN4UFQ; KN4TBG; KN4RDX.

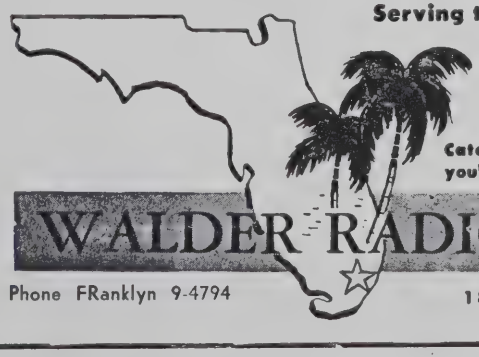
Novice Floridoras noted having eyelash QSOs at Orlando Hamfest were: KN4TBG; KN4IIR; KN4UFQ; KN4RDX and Betty Lebart studying for novice with K4UIZ.

A speedy recovery to KN4JZX. Joan will be assisting with net control as soon as she recovers.

Congrats to KN4UNV and KN4VOT on their new tickets. Have fun, gals. Also congrats to KN4UFQ for passing the general; despite the excitement of new mike and new bands, Ruby has promised to continue to check in with the novice net.

KN4TBG and KN4RDX have been getting together in their homes every two weeks for code practice and theory quiz sessions. KN4RCX will soon be dropping the "N" as she took the Tech exam. She has been here nitely on 2 mtr. phone.

A motion was made at our Orlando meeting that each novice send $1.50 for use of xytal, 50 cents of which is rental, $1.00 to be refunded upon its return. W4WPD is custodian of these xytals. We now have 6 xytals.



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THE ARINC STORY

Part II

(A commercial Aeronautical Radio Station - Miami.)

Seated at a telephone/teletype position near the radiotelephone operators is the ATC liaison man who forwards to ATC the positions copied by Radio Operators, many of which are amateurs. This man also accepts clearances and instructions phoned him by ATC and gives them to the radio operators for transmission to aircraft.

Radiotelephone operators copy aircraft reports an dmessages on a teletype machine and by means of push-buttons the machine is connected instantly with any of a dozen printers located on the premises of the airline companies. Thus the airline dispatcher receives without delay copies of transmissions to and from his company aircraft.

On all radiotelephone transmissions, this station is identified only as "Miami".

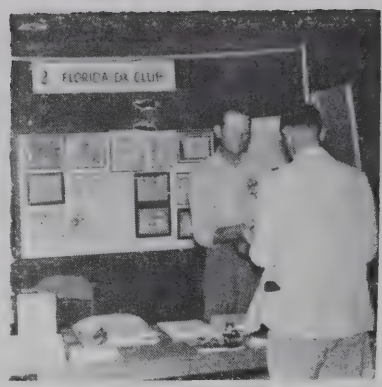
There are two point-to-point CW operating positions in the station which maintain hourly schedules with five other stations. The first of these two positions contacts three Brazilian stations each hour, one of them in Rio de Janeiro and the other two in Belem. Varig Airlines, Aerovias Brasil, Scandinavian Airlines and the Military Air Transport Service account for the greater part of the traffic on this circuit. Transmission is generally on 21900 Kc (KIK57) during the daytime and on 11635 Kc (KIC47) at night.

The second CW point-to-point position maintains round-the-clock QSO with station ZDY, Nassau, Bahamas and with station CMM, Camaguay, Cuba. Transmissions are usually on 8100 Kc (KIC42) daytime and on 2848 (KIC48) or 4057 Kc (KIC40) at night. Note that in all cases, operation is cross-band; ie, transmission and reception on different frequencies.

The teletype section of this station is essentially a cross-over point between various airline communications systems or between parts of the same system. It is a relay center in the strict sense.

Our interconnection with other teletype stations may be of various kinds. In the simplest instance, sending and receiving machines at "MIAXA", the teletype address of this station, connect with the send-receive machines at the airline offices. Or our machines may constitute a drop on an automatic distribution system controlled by others; or may be control station on still other circuits. Most circuits, including radioteletype operate at 75 wpm, some at 100 WPM and others at 60 WPM. Machines are arranged in banks in order that certain operators may be assigned to monitor checking and collecting and distribution of receiving tapes, others to feeding these tapes into the appropriate transmitting machines. Although direct automatic connection has supplanted manual tape operation for the bulk of traffic handling, the ever-growing volume of aeronautical traffic keeps manual routing at a high level.

(Editor's note: See next month for Part III. This is how some 14 Miami amateurs make their bread and butter, which includes your Editor.)



Here's a shot of the Florida DX Club booth at the Miami Hamboree last January. W4-BWP (Bent Water Pipe) of Miami, passing out some information to a prospective club member. For more details on Florida DX Club, write Dave Traer, W4AZK, P.O. Box 215, Naples, Florida.

AMATEUR TV

Ed Ross, K4ZAS of Orlando had his amateur TV camera going full blast at the recent Orlando Hamfest. In talking to Ed we found out that he operates just above Chennel 13. (420-450 mc.). He said his range is about 20 to 25 miles using a Helix antenna up about 60 feet. All his equipment is homebrew except his camera. The power limitations are restricted below 50 watts.

Those of you who attended the Orlando Hamfest probably saw K4ZAS in action. It was a very interesting display.

FMTN

Tip Curran, W4GJI

We made a mad dash to Orlando for what was a very fine gathering. All in all the Egyptian room made a perfect setting for such a conjoining. It had access from the street and from the 2nd floor of the hotel itself which was highly convenient, it was very large and airy and the one entire end open to the high ceiling overlooking the swimming pool and the lake beyond was most effective. All this made for a most pleasing atmosphere which in the end is the basic inducement to pleasantry and good fellowship. Further, the food was excellent and the service good and there was merry throng at the FMTN table. Ah, yes, the mad dash. At 0745 Saturday the man said 'Front' take this man to 524 and up we went way around to the end of the line to a nice quiet room at last — but, lo, on the door at my elbow there was a big sign — BENZEES' BARN. Behind this door lurked danger for a guy who had to rise the next morning at 0530 to catch a plane home, especially if any of a crew of Floridoras et al learned who occupied the next room. Prudence most certainly dictated early to bed for the eventuality of a rude awakening in the wee hours was imminent. Sure enough the progress of the advancing tide became apparent enough to waken 524 about 0300 as doors along the line were pounded upon. At 0345 they arrived at 525 alas. Suffice to say that GJI packed up and down in the lobby found VNA rousted out walking back and fro with others waiting for the dawn.

The Hamfest itself was well run, the displays were good and one had an ample opportunity to visit or learn both days. Well done, Orlando RC. The net turned out in good shape and was represented from all over the state. AKQ held court at the information table and spent much time cadging invites for 807s in various rooms to which he never got. Loads of laughs and fun.

It is interesting to note that a lot of dyed in the wool AM guys are on sideband and most of the net do not know it. Thy sins seek thee out when thoust reportest into the Florida Sidebanders. At least ten of the regulars are using DSB on the net and saying nothing, more or less.

Since this be so and several of the members have HT 37s and others are obtaining this very fine piece of moderately priced gear, it might not be amiss to insert a brief note published this month in the Sidebander by its technical editor, Mort Broad, W4KTN. If the VFO of the HT37 driffts, which it may, he suggests a conversion to the HT32 VFO circuit which is relatively simple. All it requires is the addition of a variable TC capacitator and one fixed TC capacitator. For a buck one can obtain the HT32 book where the numbers of the parts can be readily found and the necessary circuitry change will be most apparent. Also the HT32 vernier VFO knob is a nice addition. All of it costs very little and the results are well worth the trouble.

In spite of the continued corrupted propagation the net has gone along in pretty good shape and the QSP work has been excellent as all will agree. Our assistant net manager has returned to the fold until the fall so we'll be hearing from him and Shorty once more. Welcome home, Max.

From the little squib about the AI last month we learned that there are still a few around with owners happy to learn they can convert to good SSB reception. Russ, K4BCN, came up from Miami to have alooksee, he did.

The April averages were QNI 23 — QTC30.3. May your tubes run cool!

SIGNAL CORPS

100 YRS. OLD IN 1960

In 1960 a century of United States Army Signals will be marked on 21 June when the Army Signal Corps celebrates 100 years of service to the Army and the nation.

From colored signal flags to a communications satellite relaying voice and teletype messages in outer space, it's a unique record the first independent signaling organization of the military, the first such organization to support the army in war time, and the first of its kind in many other respects.

A number of special activities have been planned during 1960 by the Signal Corps to commemorate its hundredth birthday. To aid in these activities the HQ Dept of Army Amateur Radio Station K4USA will send an especially prepared commemorative QSL card to all amateurs contacted during 1960 —

(3rd Army MARS Bulletin)

6 METER SSB IN FLORIDA

Pat Ferro W4WAQ

The first eight days of May offered some of the best band openings for sometime. On May 6th the band was open most of the day. On May 7th the opening started at approximately 0900 EST until 1200 hours. Numerous W1, 2, 3, 4, 5 and 9 Stations were heard and worked in the Miami area.

A significant increase in SSB Stations were heard in contrast of the openings of last year. K4OCK and W4WAQ worked 7 SSB Stations from the W 1, 2 and 3 areas. W2AXU running only 3 Watts output had an exceptionally good signal and was worked for about 20 minutes before signing for other DX contacts.

From the number of AM Stations worked and the number of Stations answering SSB CQ, it appears that many 6M Stations are having little difficulty in learning to tune SSB. In a subsequent article, some interesting phases of SSB will be discussed.

DX openings to South America in late afternoon and early evening have been very good. Puerto Rico, 9rgentina, and Uraguay have been putting through strong signals in the Miami area. These Stations are all on AM, but were able to copy SSB. FELIX, KP4CK, should be on SSB in the next few days, and will probably be the first to be heard in this area.

KP4AAN just purchased in Miami, a Johnson 6 and 2 Thunderbolt, and should also be heard on SSB real soon. A number of KP4s have indicated they were getting ready to go SSB shortly. Reports on the performance of the elven element TELREX SPIRALRAY BEAM at this QTH, during band openings have been most gratifying. When Stations in QSO for 10 to 20 minutes reported fading from 4 - 6 S Units, our receiver here showed a drop of not more than 2 S Units on their signals and most of these Stations were low power in contrast to the 1KW from this QTH. This beam performs best on receiving signals from other Stations using horizontal polarization. However, the spiral effect of the elements considerably improves the reception of vertically polarized signals over the use of a straight beam.

There was some Statewide activity on 2M SSB in April. At least 5 SSB Stations on approximately 144.1 Mc. K4IFI in Hollywood with about 500 Watts was putting out a terrifically strong signal in this area. Heard W4LIP in Miami with 3 Watts SSB working K4IXC in Melbourne.

W3HFY in the May 7th opening told me I was the 106th SSB Station he worked. Arrangements are being made with SSB Stations in Boston and North Carolina for regular checks on 6M SSB. Contacts will first be made on 20M SSB and then transmission on 50.050 Mc. will begin. If signals are getting through, then all Stations will switch to 6M. More on these arrangements will be discussed in subsequent articles.

The writer would appreciate reports from listeners who hear the Miami SSB Stations as to time and RST. QTH: 1364 N.W. 23d Ct., Miami 35, Florida.

THIRD PART TRAFFIC TO OTHER COUNTRIES

Third Party traffic now permitted between the Amateurs of these Countries and Amateurs of the United States of America:

Canada, Costa Rica, Cuba, Chile, Ecuador, Honduras, Haiti, Liberia, Mexico, Nicaragua, Panama, Peru and Venezuela. Honduras was added effective March 17, 1960.

EDITOR: Florida Skip.

Many thanks for the membership card. It looks very nice and adds to the known RTTY clubs putting out membership cards.

Enclosed are some of Walt's (W0AJL) handy dandy how to type, along with the Teletype code, which he furnished the gang. Pass them along to those who might be interested in them. I have a few more, if you know of others who would like to have copies.

DX is sure picking up the last month or so, ZK1BS, Bill Scaroboro At Rantonga, Cook Islands, is out this way, every evening on 14090 to 14110 after about nine PM PST. FB copy. Also TG9AD, Z13HJ, ZLI, WB, OA5G, TG9PS and on 15, G3CQE and FA0FB and DL4AAA — So pass word along to the group. Also be sure that as many as possible copy the ARMED FORCES DAY Msg on RATT. Helps us with uncle, Hi —

73
Merrill Swan,
W6AEE/A6AEE

(Editor's note: Anyone wish the "Handy-Dandy" card mentioned in Merrill's letter drop your request to Box 501, Miami Springs 66, Fla. and we'll send you one right out — long as the supply lasts — that is. AC)

Here is the Hialeah Radio Club's station, W4MRC, which was bought on matching funds for use in Civil Defense. This station was active in Operation Alert - 60. With two comnmicuators on two and a RME/Ranger for 10, HRC does very fine job on the Dade Emergency Net each Monday as well. At the controls: L. P. "Al" Algeo, K4AHW, Radio officer for Zone 3, and Ivan Steinour, W4ZYK, assistant Radio Officer. HRC meets the 1st and 3rd Tuesdays at 48th and Palm Ave. All antennae adn the equipment cabinet work was done by club members.

(Photo by SKIP Editor)

FIRST ANNUAL HAMFEST

The Panama City Amateur Radio Club will hold their first annual hamfest June 18 - 19th. The first prize will consist of $200.00 worth of mobile equipment, the Heathkit Comanche and Cheyenne. There will also be many other valuable prizes worth up to $100.00 or more each. Prizes will be awarded for the youngest ham, the oldest ham, the ham with the farthest QTH, the most beautiful ham (YLs only pse) and many others.

There will be a mobile equipment check, picnic, formal dinner with dance immediately following, YL and XYL corner, operating station, displays of all sorts, eye-ball QSO's.

There will be special rates at prominent Panama City hotels, fishing boats, restaurants and tour boats for anyone interested. Many other facilities and highlights will be featured.

The official opening will be Saturday on June 18th at the National Guard Armory located in the downtown business district of Panama City.

TICKETS on the $200.00 Heathkit mobile transmitter, door prize will be available for $1.00 each.

All correspondence for the Panama City Hamfest should be sent to: Don Mac Donald K4FQQ, 1912 Arthur Ave., Panama City, Florida.

NATIONAL CALLING AND EMERGENCY FREQUENCIES

C. W.	'PHONE
7100 kc.	3875 kc.
3550 kc.	7250 kc.
14,050 kc.	14,225 kc.
21,050 kc.	21,400 kc.
28,100 kc.	29,640 kc.

During periods of communications emergency these frequencies can be used as general calling frequencies to expedite general traffic movement between amateur stations. Emergency traffic has precedence. After contact has been made the frequency should be vacated immediately to accomodate other callers.

The following are the National Calling and Emergency Frequencies for Canada: c.w. — 3535, 7050, 14,060; 'phone — 3765, 14,-160 kc., 28,250 kc.

Use the above frequencies for long haul emergency traffic and use 3675/7105 kc. on c.w. and 3910/7210 in Florida night or day.

FORT MYERS

Ken Stewart, W4SMK

The FMARC will be using its new call letters, W4MWI/4 at the Field Day site this year. We will be at a beautiful spot on the Caloosehatchee River about 12 miles from town. The annual ARRL Field Days get better each year it seems. Hope the band conditions will be good June 25-26, and we wish all the other clubs good luck, but not too much, HI. Sure would like to carry off that Fla. Skip Trophy.

At the last meeting the club had several movies on communications we borrowed from the telephone company. The land line people are a good source of movies, as well as the ARRL, libraries, and State film libraries. Also at the meeting there was a demonstratio nof the new 6 meter Heath transceivers that were purchased with Red Cross funds and assembled by FMARC members. We now have 5 of these units operating and also are building 12 volt vibrator supplies for them. With only 5 watts input and very simple indoor whip antennas the range is about 4-5 miles. With the new ground plane antennas and beams we are building this should double the useful range. During hurricanes or other emergencies these sets would be used for local coverage. Later we hope to tie into other State 6 meter nets on CD or AREC with higher power and better antennas.

Local Splatter — K4UHF now has a gallon of RF on SSB. He joins the KW Klub with W4LNE, W4KOB, and W4CG.

W4CG has left us for Saigon and a tour of duty with FAA over Asia way.
Good luck Bill.

We had some visitors from the Naples Club this month. They have also bought some of the Heath 6 meter transceivers.

K4MBB from Naples is now living in Fort Myers and active in the FMARC. Chuck is operating mobile only at present.

K4KPE is losing a Son and gaining a Daughter in Law this month. Our congratulations to Eddie and Mary.

Summer time is here, you can tell by the lack of traffic on the nets, crazy conditions on 10 meters, and general laziness of OM's and XYL's. But Ham Radio goes on year round, so don't forget to send your news etc. to this column. Now is the time to build that portable rig for vacation use, or clean up the shack for a change, or try that new band or go SSB, or any one of a dozen things to keep up your interest in the hobby. Make a noise so we know you are still witgh us, or you might find ur call in the Silent Key Column before ur time, OM's.

73, 75 etc.

Ken W4SMK

CLUB DREAM HOUSE

(Editor: The following appeared in the April STATIC. This shows what teamwork can do, when headed in the right direction.)

"STEEL CITY Radio Club Sweats, gets own club house. The Steel City ARC (Carnegie, Pa.) has just voted to set annual dues at $10.00 for 2nd class members, $20.00 for first and 3 members, whatever they are. Initiation fee $10.00. Also they have a time payment plan! The club has just constructed a new club house, expects dues to go down after new building expenses have been paid. One trick financial gambit, members get auto insurance through the club at rates which save much more than the annual dues!

The new club house, high on a windy hill, is magnificently equipped with new gear, furniture, a beam tower ,even a TV transmitter for 432 mc. Four hundred pine trees were planted for landscaping! Members did most of the work, collected cash, sold raffle tickets, sold old gear, borrowed trucks and tools. If you want something hard enough, that's all it takes! Glen comments 'Who said our dues were high?'"

MARS BC 4

Although MARS does not sponsor or conduct membership drives as such it is vitally interested in having new members continue to join the MARS program. New members however, should be completely aware of the requirements as well as the benefits of MARS membership. You as a member can help the MARS program by making known to potential members the requirements of sustained membership as well as the benefits. No better way to do this exists than to make sure that the potential member receives and understands the entire contents of the MARS brochure. Ample supplies of brochures can be obtained from your Command or Army Area MARS Director. Use them generously whenever the occasion arises.

DAYTONA BEACH AMATEUR RADIO ASSN. NEWS

Marge Campbell, K4RNS

At the regular meeting of the DBARA Monday, an interesting demonstration of 6-meter operation was given by K4RNR mobile assisted by K4MAB, in communication with K4UJW at the portable station at the meeting. A surprise QSO with W4BEP who broke in on the demonstration, unaware at first that they were being monitored by the club members at the meeting, but making the demonstration even more impressive. A local 6 meter net is set up for emergency operations.

Visitors who enjoyed the meeting were Walter Ross from Antwerp, Belgium, W4NVV "Corky" formerly from Pittsburg, Pa., K2UYV, Barry Silver, and W8EBJ, Dr. D. L. Howe, on vacation from Ohio.

A site is still being sought for Field Day Operations. A committee was appointed to assist K4ESI in the search - W3HLS/4 and K4OVQ being on the committee.

Members who attended the Orlando Hamfest and had a wonderful time were W4IUR/K4VNA Mim and Walt Cook, K4RNR/S, Jim and Marge Campbell, Vice.-Pres. W4UHL Guy Warren and Volusia Co. EC Adam K4UJW and W4FZV Mil Curry, also K4TDN Jerry, New Smyrna Beach.

Members were pleased that K4RNS was voted the new Floridora YL President for 1960, also that W4IUR Mim is the new Net Manager for the 40 meter Monday fone net. They are trying to recruit a new YL in the area Kn4VOT Abby Evelyn to join the DBARA ranks, and her OM Al Kn4VOV (pupils of W4SDR).

K4AM - heard on 40 meters welcome to the fold Bob! K4CDP checking in on AREC 40 mtr net too — FB. K4ESI - "Elusive, Sleepy & Intelligent (?)"; W4FSS - pleasant QRM; W3HLS/4 a FB Assit. Act. Mgr.; W3HNV be home from school end of May. W4IUR one fine little Historian Net Mgr and transistor SWL; K4KTQ trying to make good school grade and a good GROUND-WAVE.

K4LLF conspicuous by his absence; W4LZT on a vacation trip north mobiling with a Collins SSB - gulp!; W4MEL our "Big Wheel"; K4OVM nive to have him home for Easter holidays at meeting; K4OVQ a good worker; K4PAC slid on floor at college, broke arm in sling-sori; K4RNM prints what K4KTQ writes; K4RNR/S waiting for expressman with new HT37A, had swell time at Orlando Hamfest; W4SDR - wants to start new Ham Cleege (Also new PAM-40 mtr, this sect. by W4KGJ) got any "suspects"?; K4SDW - hear he's moving to Orlando; K4TDN working hard feeling better; K4TLM - took XYL to Cape Cod & came back; W4UHL almost forgot Exec. meeting; K4UJW a very busy EC also with Rotary at Palm Beach; K4VNA - Om of W4IUR!

FROM THE PRESS

"WILL THEY FIND 'RADIO HAMS' ON THE STARS?"

(From the Miami News, April 4th, 1960)

"Is there life on other planets? Some astronomers think so, and today for the first time they are turning the earth's ear to try to catch sounds of far-away life.

"GREEN BANK, W. Va. (AP) Earthlings today began a search to hear signals from intelligent life somewhere else in our universe.

"Many scientists are convinced somebody is out there, somewhere among billions of stars, and probably billions of other plants.

"Young astronomers here first are pointing the giant beam of a radio telescope at two fairly nearby stars which may have planets, and perhaps intelligent life.

"Perhaps new and sensitive equipment here can pick up commands they are sending to their own space probes, as we are sending signals out to our recent Venus probe.

"Many hours every day for a month the radio telescope will hunt for coded signals along frequencies which life elsewhere might be beaming right now at us.

"After a month, if no word comes, this first vigil will end and the radio telescope will resume doing other astronomical research. But the quest will be resumed later, probably with more powerful receivers.

"Despite all difficulties, the search has begun to seek word from life beyond this earth.

TOMORROW: Man May Not Be Alone."

BUY FROM SKIP ADVERTISERS . . . THEY HELP MAKE THIS MESS POSSIBLE.

FORT PIERCE RADIO CLUB

By John K4ZNC

Anytime now, you 6 meter cats will be hearing the FPRCs new 6 meter Heathkit transceiver on the air.

Smitty, K4CXW, put the kit togetner in about 12 hours double checking himself all the time. (Of course the thing worked the first time he plugged it in.) The first contact was with John, W4AKH, who was about 3 miles away from us. John said Smitty was 5 and 9 at his QTH. So what you say, it was a local contact and conditions. Well, for one thing Smitty was loading up a 150 mc whip without a ground on a 5 harmonic crystal. It called for a 6 overtone crystal. Number two was that Johns 6 element antenna was pointing in the opposite direction.

Be looking for us when we are in a local QSO with John and Spence, W4ILM.

With the results so promising, the club is going to try and get 5 or 6 of these babies for emergency work.

I wonder if any of you have worked KN4UNV, Ray. If you have, you have worked one of the 2 YLs in the club. Ray is going great guns with YV, KP4, and 15 out of 28 states she has worked confirmed.

During the Sandy Shoes Festival, the club took about 50 pieces of traffic to a number of states including Hawaii, Newfoundland, and Japan. Participating amateurs K4OEP, Eula, KN4UNV, Ray, K4JZU, Rollin, W4EKU, Jessie, K4RNI, Billy, K4YWV, Bob, K4ZNC, John, and K4KKZ, Ches who donated a 75A4 to the cause.

The FPRC and the Sandy Shoes Planning Comm. wishes to thank Tip W4GJI for the swell job he did in trying to get a mobile station from WPB. Thanks again Tip.

I mentioned about a month ago that the club was going to get affiliated with ARRL. Well we still aren't because only 49 - 44/100 of our members belong to QST. Come on, who's holding out, we need those films and training aids.

As faithful as ever June rolls around bringing with it the Field Day. The FPRC plans to participate this year by setting up a couple of rigs out at White City which is about 3 miles south of Fort Pierce way out in sticks.

Maybe next year little ole us will challenge some other club during the field day. It all depends on how well we come out this year. Can't you just see us with a bigger score than Miami. Hi. I say that in pure jest, Miami.

Welcome Fritz, W9UDD. Glad to have you with us.

FLORIDORA YL 6 METER NEWS (South and Central)

By K4ANR - Ruth and K4PPX - Fran

The Floridora YL 6 mtr. gals (south) are thinking very hard who the new net control will be. Voting will be at next net meeting. The gals cooperated with their local CD nets during May 3rd National Alert handling traffic. With the band being opened quite regularly the gals have been giving out with the Floridora contacts, while getting themselves new states. New Floridora to 6 is W4FEU - Ann in Hallendale, She will be heard on the net soon . . .

Enjoyed attending the Orlando Hamfest again this year and meeting so many FLORIDORA YL's. Sorry many we hoped to see, could not be there. Not much activity on 6 mtr. in Central Fla. this past month, due to electrical storms and receiver trouble. Would like to congrat our new Floridora officers for 1960.

K4ANR and W4FE certainly enjoyed the visit with K4GCT and W4ZD during the weekend of the hamfest.

K4ANR and W4FE assisted with communications on 6 mtrs, for Leesburg Watermelon Festival parade. Twenty minutes after the parade, the battery in Ruth W4BWR8's car burned up. Plenty fire and excitement, it all took place in front of a Fire Station. No damage to the car but Ruth brought a new battery to get home.

FEATURE on HARLEY THURSBY - K4ZDV

by Lois A. Spencer - W4ZXK

From the log of Harley Thursby K4ZDV of S.W. Miami comes actual evidence that a VHF 2 meter network can be established throughout the state of Florida.

Harley received his Novice license 7/11/58 and Tech on 7/20/59 and is a member of the 2 mtr and 6 mtr. Dade Emergency Net and A.R.E.C. also Flamingo 2 mtr. Net and outstanding member of the Dade Radio Club. Having been active on 2 mtrs. since 7/11/58 with 75 watts. Since 7/20/59 is using 100 watts. His 2 mtr. rig is a Communicator driving a Gonset 100 watt Linear with Gonset VFO and audio pre-amp. Hearing aid is an HQ-110 with Ameco converter. Antennas are HB (home brewed) 10 element Long John for DX 48' high and a Gonset Ground plane for local vertical contacts 35' high. Harley has experimented with fixed and mobile antennas such as ground planes, vertical J's, co-axial, quads and beams. His H. B. tower tile over and tlescopic extends to 60'.

STATIONS WORKED ON SKIP: CO2vy Davey, Havana, Cuba on 5/5/59 and W5LUU San Antonio, Texas on 4/8/60.

STATIONS WORKED WITH REGULARITY: K4IXC John, Melbourne daily AM and PM, W4EID Miles, Lantana, W4SGY Paul, Lakeland, W4DPD Sharkespeare, Lake Wales, W4VTJ Jay, Lantana, W4MBR Jim, Vero Beach, K4SPJ Doc, Ft. Lauderdale, K4RCV Bill, Ft. Lauderdale, K4HIL Herman, Pompano, K4IXG Paul, Indiatlantic, W4PWU Charlie, Key West and K4OFG Bernie, Key West.

Harley does a lot of listening and tuning and heard CO2VY on 144.5 M.C. Heard W4RMU in Jacksonville on CW and FM. Before the Summer is over Harley hopes to span Miami to Jacksonville and is anticipating going side band shortly since he realizes the possibility of working 850 miles extended ground wave by using 2 mtr. SB. The daily sked with K4IXC John, Melbourne was inaugurated 2/29/60 and is still in progress on a twice daily basis 7:20 AM and 10:00 PM. K4ZDV's FQ. is 145.260 and K4IXC FQ is 144.130. Intentions are to maintain a year round sked. As conditions deteriorate in winter months is is hoped that SB will allow maintenance of daily schedule.

Harley occasionally works 6 mtrs. particularly when skip is open to KP4, LU1, LU2, LU3 and LU5 land and has worked quite a few states but prefers to work Jacksonville on 2 mtrs. than Sweden on 6 mtrs. About a General Ticket, he informs us that having a Challenger he might find himself setting up a sked with Lower Slobovia on 10 mtrs. and miss working Jacksonville on 2 mtrs.

We would like to see in the very near future a 2 mtr. Net to cover the state and possibly an East Coast Net from Key West to New York. Recently a piece of traffic went from Miami to Melbourne on 2 mtrs. being impossible at night on other bands. It can be done and we sure would like to be around when it is a reality.

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ST. PETERSBURG

W4KTN K4IZH K4SQK

ORLANDO RAMBLINGS

Hal Shea - W4BKC

All the gang that attended the Orlando Hamfest agreed that it was a huge success. Those who were not able to attend, for one reason or another, you really missed one of the best hamfests ever. The Egyptian room of the Cherry Plaza was really humming from early Saturday till the middle of the afternoon Sunday. Eyeball QSO's going on all over the place. Closed circuit TV, lots of gear to drool over.

George W4PWW and the gang from the local Hamshack snapping Polaroid shots of all the doings. Incidentally if you missed seeing the pics, George has them at the Hamshack, go take a look.

A complete list of the winners (Except the winner of the EZ Way tower) was published in the club paper "The Listening Post". The big Prize HQ170C was won by one of the local fellows, Joel Kent, W4OVZ and he really needed it as the only receiver he had was a home brew job. Congrats Joel and Sandy. Dick W4ZPO of Miami won the Regency Converer, so that makes us even as I went to the Miami Hamboree and won the Channelmaster Radio there, Hi.

The Cherry Plaza Hotel put in their bid for the Hamfest next year, so I guess they were happy to have the gang there, and everyone seemed to enjoy the "all under on roof" deal. No weather worries for the Committee.

Operation OPAL '60 was carried out successfully by 22 local Races and AREC members, with some difficulty at times. Shortage of daytime operators, as most of the gang are "woiking pipple," local primary elections going on, several generator failures, etc. It was good practice and a lot was learned that will be valuable for future operations.

Mac, K4TMN and Wes K4KRG, CFOA Communication and Radio Officers have resumed the Every Friday Nite meetings at the CD Training Center, 417 No. Parramore St. The time is 8 p.m. There will be several projects coming up concerning the equipping of the mobile units for operation at widely dispersed points, which should prove very interesting, so see you next Friday Nite.

You are only young once. After that you need another excuse.

(Parts Pups)

TRAFFIC HOUNDS

(Month of April)

Eastern Florida Section

W4NJD	39	K4QLG	1171
K4BOO	32	K4SJH	687
K4JJZ	26	W4SDR	435
W4SGY	24	K4KDN	260
K4FXJ	23	K4SLR	256
W4JTA	22	W4LMT	220
W4LDF	19	K4LCF	111
W4SMK	16	W4GJI	94
W4FE	15	K4AX	90
K4MPT	12	W4IYT	81
W4MRC	10	K4BLM	77
W4DPD	8	K4BY	66
K4GLI	6	K4ILB	65
K4IWT	5	K4GBS	62
K4AHW	5	K4RNS	60
K4OSQ	5	K4TDT	58
W4GOG	4	W4CNZ	57
K4LDF	2	W4BKC	48

Western Florida Section

K4RMO	7	W4SRK	162
		K4BSS	100

Late March Reports

W4JTA	30	W4FFF	108
K4BZ	16	K4GBS	104

SECTION NET REPORTS

Section Net reports are as follows: FMTN - 790, FPTN - 230, GSSN - 127, GN - 103 and QFN - 463. QFN is an all Florida CW Net and is supported by both Eastern and Western Fla. Sections. We had three make BPL for the month. Total traffic handled 4177.

New EC's are W4ACT, Collier County, W4LDF - Hernando County and W4BU - Sarasota County. Your new PAM for 40 meters is W4SDR Daytona Beach.

I wish to thank Hank - W4TAS for his past services as PAM - 40 meters. 73, John Porter W4KGM SCM E. Fla.

W4PJU ELECTED COMMISSIONER

The CLEWISTON NEWS reported the final results of the race for the County Commissioners' in Hendry County. Our own George, W4PJU placed a close third with 1,252 votes. Mr. Bible had 1,295 and Mr. Miner collected 1,261 and that's close, in my books. Nice going, George!

W4PJU has been active on all amateur bands for many years. He is off the air at present awaiting a transformer for his rig. He is ARRL Emergency Coordinator and past manager of the Tropical Phone Traffic Net.

Congratulations Mr. Commissioner. Keep those boys on the ball, and good luck.

ORANGE COUNTY OPERATION ALERT

In the Civil Defense OPAL-1960, held May 3, 4 and 5th in Orange County, Florida, communications were manned by the following 22 amateurs who are all members of AREC: W4's BKC, CLJ, CFA, HFR, NKD, NGR, PTT, TOD, TVR and UFA. Also K4's: CFX, DTZ, EWB, GHL, HXP, KRG, LXX, PPO, TMN, TTZ, UIZ and RAD.

Local coverage of the area was achieved with mobiles on 145.2mc and also contact with Seminole counties. The Leesburg, Lake County Area was in touch via 50 mc. and contact with the State Net on the CD frequencies on 80 and 40 meters.

All this radio contact was operated from the C. D. Communications Van and power was obtained from three gasoline driven generators. The van was operated adjacent to C.D. staff headquarters and traffic handled for Gen. Betts and his Staff.

The operation started at Approximately 1330 EST May 3rd and continued until 1100 EST May 5th. It was under the direction of Dave Hall, W4TOD, Orange County Radio Officer for CD and Wes Gardner, K4KRG, Radio Officer for CFOA-CD.

73 — Lou Lolcott
W4NKD, EC,
Orange County, Fla.

HERE 'N THERE

The Radiation Amateur Radio Club, in Melbourne, Florida now meets each Monday at 1730. Place: Radiation Auditorium . . . I enjoy reading Florida Skip very much and am looking forward to the day when I will be a W4. Am on 3995kc almost every morning thru the week about 0500 to 0700 and on look out for stations in Cocoa or Rockledge area, but activity there must be nil. James P. Dever W8UON, 349 Kenilworth Ave., Dayton 5, Ohio. (Ed. Can anyone around Cocoa area help Jim?) . . . Here's my renewal. It's my only contact for news to Florida. I'm usually on 10 and 15 from 2000 to 2400 GMT during the weekend and most any time on weekends and am looking for Key West and Florida contacts. My license is still being processed, but I'm working as K4SDC/CN8. 73 Tommy Hall, Kenitra, Morocco . . . Orlando Radio Club thanks all for making last hamfest their best!

TROPICAL PHONE NET

With this brief editorial, your truly will be doing his famous swan song, turning the quill over to Mark, W4FJE and bowing out of the central arena.

The National Science Foundation has more money than they can spend so they are letting old W4YNM spend some for them this summer. The nice fat scholarship will permit the YOUNG NUTTY MADMAN to study with the "Piled Higher and Deeper" boys at the U. of Fla. Cheer up fellows, for as I sign off for the summer, K4ODS should be getting back to the main switch. So as one powerful signal leaves the air, another will take its place. I encourage each of you to send your news to Mark for the next issue of SKIP.

There have been several requests concerning the exact description of th filly lou bird that assistts me in this column. All seafaring men know, for sure, the habits and nature of the small filly lou bird. For those less familiar with Audubon's first love; please be informed that the filly lou bird is small, with a very loud voice, sees all, tells all and flies backward to see where he has been.

W4 UF won our contest with her entry of the most words from the title of this net. Her surprise will be in the mail soon. Let's all help put eastern Florida on top for the traffic honors this year. Send money, if you can't send money, send traffic. 73 until the fall; Parker, W4YNM.

MAXIMS I'VE BEEN MEANING TO NEEDLEPOINT

1. There's no place like home, which is why motels are so popular.

2. He who laughs last won't be with the company for long.

3. A penny saved is hardly worth the effort.

4. Let sleeping dogs lie. They seldom tell the truth anyway.

5. Where there's a will, there's a wave of nieces and nephews.

6. You can't take it with you. but you can sure have fun with it while you're here.

7. Every man has his price, and mine is extremely low.

8. Beauty is only skin deep, which is adequate as far as I'm concerned.

Dick Emmons
SAT. EVENING POST

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any item listed in this column.

This column is FREE to any Licensed Radio Amateur. There is no limit to the number of items an individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 Columns — 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP Inc., Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: RAX-1 $17.50. BC-652 $17.50. Antenna system, 2 loops, cable set and extras $6.50. BC-230 xmtr $8.00. 1-196 B signal generator $5.00 and miscellaneous parts. John T. Marshall K4-SWL, 3430 N.W. 2nd Terr., Miami HI 8-9015.

WANTED: TML-60DD and/or TML-100DB National double stator condenser and National NC-500 neutralizing condenser, State condition and price. James P. Dever, W8UON, 349 Kenilworth Ave., Dayton 5, Ohio.

FOR SALE: HQ170 $250. Needs 10 meter oscillator coil. C. D. Upthegion Jr. K4QBV, 1021 Ave. "F" Court, Riviera Beach, Fla. VI 4-4575.

FOR SALE: Viking II with push to talk and matching VFO $225.00. Hallicrafters S-106 $50.00. Heath SWR bridge $10.00. Vibroplex presentation bug $15.00. Brand new HQ-170C $330.00. All equipment in excellent condition. Bob K4LZW, 4708 Wisconsin Ave., Tampa, Fla. 65-4653.

FOR SALE: A MAR transceiver, new with 3-way power supply. 225-390 mc, 375 watt input. Make offer. DX-35 for $40.00. Worked WAS on 15 from Puerto Rico with this, including KL & KH. Televue crank-up, tiltover tower 30 footer $40.00. Conelrad monitor (Ameco) new $11.00. Will ship collect on items except conelrad. Postage on that. W. L. Patterson K4PXY, 2161 - 23rd Ave. N., St. Petersburg 13, Fla.

FOR SALE: 500 watt complete AM xmtr with 4-250A final. Using KW thordson Class B multi-match transformer. 10-20-40-80 meters in six foot black crackle cabinet on rollers. Excellent speech using 838's. Have spares. NO TVI. $200.00 Johnson Ranger $150.00. NC-300 $265. New T UTC 25 W. Class B Multi-match xmfr. $25.00 Cash and you tote. Contact K4MNV, 1812 NW 13th Ct., Ft. Lauderdale, JA 2-0319.

WANTED: Good 6 meter transmitter. Aluminum tower (3 or 4 sections). Rotartor and indicator. Fred C. Wilson K4KRY, 7450 Grove Ave., Kendall 56, Fla.

FOR SALE: Gonset Communicator II for 2 meters, 6 v.d.c. and 115 a.c. Good condition, asking $100.00. Master mobile deluxe all band loading coil, new with base section and top whip. $10.00. Hal Sillman K4SCT, 1340 N.W. 190th St., Miami. Office phone MU 1-9011.

FOR SALE: Johnson Low-pass (KW) 52 ohm filter with mounting bracket, like new $9.00. 100-150 mc ARC-4, unconverted, like new, with tubes $18.00. BC-372-E with tuning unit and tubes. Excellent parts $12.00. Two meter Gonset Communicator III, push-to-talk, xtals, antenna, cables, instructions, mike in like-new condition, $218.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. TU 8-3874.

CLEANING HOUSE. Pick-up package deal this QTH. Sky Champion receiver, shock mounted, with S meter and voltage regulated, new capacitors, with R-46 speaker. New Stancor P-3158 dual plate transformer. New PC-8414 power transformer with new C-3181 choke, 3 mfd 2000 v. oil condenser. 17x14x4 inch aluminum chassis. Pair new 816 rectifier tubes. Heath QF-1 multiplier goes with receiver. Also some surplus parts. C. L. Wright K4CDP, 424 Hand Ave., Box 221H, RR1, Ormond Beach, Fla.

FOR SALE: E-Z Way Tower, GPRBX 50 55 with special top. CDR Rotator and Indicator. Ready to haul away $200.00. Call Boca Raton 5919. Arthur M. Benedict W4CTO, 465 N.E. 9th St., Boca Raton, Fla.

WANTED: Type 8R-1 Calibrator unit for 75A3. SELL: HRO-5 with 4 coil sets $80.00. Bev Cavender W4CKB, P. O. Box 88, Lake Placid, Fla.

WANTED: Info from all Florida Clubs. Florida SKIP will soon publish a complete listing of all Florida Clubs showing, times, days, locations, club call etc. Send info on card, soon as possible, to Editor, SKIP, Box 501, Miami Springs 66, Fla.

WANTED: One 500 CPS filter for 75A4 - Johnson KW matchbox or equivalent. H. D. Strieter W4DQS, 928 Trinidad, Cocoa Beach, Fla.

WANTED: More HAMBARS. Send in your want ads, for sale ads on ham gear. Where else can you get FREE complete coverage on your for sale tiems? Get all items in before the 15th of the month. SKIP, Box 501, Miami Springs 66, Fla.

WANTED: ALL DX men and women who have 100 or more confirmed. Write FLORIDA DX CLUB, Box 215, Naples, Fla. for information on the fastest growing DX Club in the country.

FOR SAL EOR TRADE: Collins 32V-3. One of the last ones made. Looks and operates same as new. Will trade for clean 51J-4 receiver, or 32S-1 exciter. MM-2 Multiphase R.F. analyzer scope with 455 or 50 kc adaptor unit. Will trade for clean SX-42, run 4 receiver or sell for $100.00. New 4D32 $12.00 Good used $8.00. New 8002R (1200 watt fin colled triodes) $5.00. Grounded grid, low capacity fil xfmr 5 to 16 volts at up to 50 amps. Cost $75.00, sell for $15.00. Command xmtrs, 2.1 to 3 mc. $10.00 5.3 to 7 mc, new $10.00. S. E. Adcock W4GL, 1340 N.E. 103rd St., Miami 38, Fla.

WANTED TO BU YFOR CASH: Clean BC-779 or 1040 rack mount with power supply. Collins 312B-2 speaker console. Bendix or Collins tunable VHF receiver covering 100 to at least 150 mc. Collins 51J-4 receiver. SX-42, Run 4 receiver. Must be clean and not modified. S. E. Adcock W4GL, 1340 N.E. 103rd St., Miami 38, Fla.

FOR TRADE: $50.00 gift certificate on Mosley beam TA-33 trap master antenna for sale or trade on good mobile transmitter. Going on vacation and want to QSO back to Florida. Martha Goodyear, K4IDQ, Box 11, Florida San & Hospital, Orlando, Fla.

WANTED: Pair of 100TH's at a reasonable cost to me. Dimir Baklanoff K4LDF, Hernando, Fla.

FOR SALE

WRL Globe Champion Model 300 A Transmitter, adapted and including Heath SB-10 sideband adaptor and power supply for SB 10—$325.00.
Hammarlund HQ-180 Receiver, 2 months old — $400.00.
Mosley Model 10-20 Vest Pocket Beam with coupling yoke — $40.00.
Vibroplex Bug — $10.00.
Astatic D104 Crystal Mike with Grapco Talk Desk Stand — $15.00.
Shure Model 520 High Z controlled reluctance mike with deskstand — $12.00.
Morrow Conelrad Monitor—$20.00.
Kwikpatch Fone Patch — $10.00.
Johnson Matchbox (never used) — $40.00.
Johnson T-R-Switch (new)—$20.00.
RCA Voltahmist Jr. — $25.00.
Budd 100 KC Calibrator — $10.00.
WRL 6 Meter Converter — $10.00.
Co-Ax Ratiometer 52 OHM S.W. Meter — $25.00.
Cesco SW Meter 52 OHM — $25.00.
Hallicrafters 3.2 OHM Speaker in Cabinet — $7.50.
BC 221 Frequency Meter AC Power Supply — $50.00.
B & W Grid dip Meter with coils — $15.00.
Budd Code Practice Oscillator — $7.50.
Unfinished Heath AR 3 short wave receiver — $5.00.
100' 300 open wire line -- $2.00.
Lafayette Signal Generator — $15.00.
HORACE SMITH, W4DSC, 546 W. 49th St., Jacksonville, Fla. PO 8-2398.

FOR SALE

T-91/VRC-4 Xmitters, exc. shape, $10.00 each.
Sliding shelves, fit 19" rack, $8.50 each.
BC - 342, works FB, $35.00.
2MFD & 2500 V. Oil Filer Conds., new, $1.75 each.
Other Oil Filter Conds. —
Assorted filament & power Xfmers, enw & used, all voltages —
R105/ARR-15 Rcvr xtal calibrator — PTO — $75.00.
APR-4 Recvr - Unit of your choice - WKG - $105.00.
URC-4 - Walkie - Talkies, Inc. tubes — $15.00 each.
BC779B - Needs panel & case, as is (parts OK) — $49.00.
7-section pipe masts - in canvas cases, 33 ft. total ht. — $7.00 each.
AR - 230 Xmitters, tubes & coils — $3.50 each.
Aluminum cases - approx. 36" x 10"x18" — Rem. top & sides — $3.00 each.
KEPCO Labs - laboratory voltage variable power supply - 0 - 600 v. DC; 0 - 300 MA DC; 6.3 AC — New, $150.00.
Assorted rectifiers, 28V - Up to 90 amps, also Xfmers for same --
McLaughlin signal splitter, cost $495.00, salle for $125.00.
Automatic keyers - New $3.00.
TBL-7 Navy Xmitter, complete, cost $7950.00 — $225.00.
813's — $8.00 each.
4 — 125A's — $10.00 each.
Other Xmitting tubes, surplus —
Navy 872 Xfmer - 3 fil. windings — $6.50.
Radio Marine Corp. power converter, Inp. 230 PC to 115 AC, 60 cycle, 500 watts - new — $58.00.
Variable voltage units - (require 60 cycle Xfmer) - with 2 ea. 6AS7; 2 ea. 5R4WGA — on base 7"x12" with panel — $4.00.
Many other surplus items —

K4ZJI, 351 W. 37th St., Hialeah, Fla., Phone TU 5-1195.

FOR SALE: Hy-gain tri-bander (10, 15 and 20) with gamma match and 2 k.w. PEP traps. $55.00. 20 watt hi-fi amp., ultra-linear PP 5881's, plug wired to power Heath WA-P2 preamp. Response plus or minus 1 db. 20-50,000 cycles, heavy duty xmfrs etc. $35.00. Heath model G-5 RF signal generator, works good. $7.50. WANTED: Collins type no. F-455J-21 mechanical filter. (2.1kc, plugs in.) Ken Boynton W4ZJZ, 106 S.E. 49th Dr., Gainesville, Fla.

Wanted: How about sending your old copies of SKIP to a friend. Stick label over your name and let it ride for 3 cents. Thanks. THE SKIPPER.

WANTED: All Florida radio clubs, send in latest info on when and where your club meets for our new FLORIDA SKIP CLU BROSTER soon! Send where, when, club call if any. Editor, SKIP, Box 501, Miami Springs 66, Fla.

FOR SALE: Two 2 meter industrial radio pack sets with handsets and antennae, $45.00 each. William H. Vogel W4NFS, 1760 Pine Tree Rd., Winter Park, Fla.

FOR SALE: 1 bug $5.00. Meisner DeLuxe signal shifter 10-20-40-80 coils $35.00. BC-348 rcvr not converted $30.00. XMTR 811's, push pull in final with Pair TX-40 modulators, like new delivered within 100 miles $75.00. 811A — $3.50. 807s or 5933's at $1.25 each 5R4YG's $1.25 each. 4 — 866A's at $1.75 each. 6L6's metal or glass $1.00 each 6AQ6's 60 cents each and 2E26's $1.50 each. G. H. George W4PJU, Box 1253, Clewiston, Fla.

FOR SALE: KWS-1 $1200.00 and SX-101, $295.00. Janis Lawcott K4IRZ, Route 1, Box 683M, Tarpon Springs, Fla.

WANTED: Need badly information or manual on the BC 191-N transmitter. Just wiring diagram will do. Want to get it going for Civil Defense unit. U. J. Fortenberry W4GKO, 1508 - 26th St., Haleyville, Ala.

FOR SALE: Ten non-inductive Sprague KOOLOHOM resistors type 25-NIT, 25 watt, 50 ohms, Made slight error when purchased. Should have been 500 ohms. Brand new, half price or 55 cents each post paid. Don Queeney, W4ACT, 1870 - 4th St. South, Naples.

A little Slip in want ads . . . El Paso paper: "Widows made to order. Send your specifications."—Another in Toronto Star: "Young woman wants washing or cleaning daily."

WANTED: More c.w. operators to QNI on the Gator Net at 0830 on 7115kc. For fast service north, call in ANY speed, fast or slow. "Jim" Route Manager, Eastern Florida K4SJH, Pompano Beach, Fla.

PUPPY LOVE

Ronny, A small Spaniel, was run over by an automobile on a busy Cleveland, Ohio, street. Unable to move because of her injuries, she was saved from almost certain death by the quick action of Pal, a German Shepard, who rushed through heavy traffic, seized the stricken dog and carried her to the siedwalk. The two dogs had been playmates for three years, which probably explains the quick thinking and action of Pal. It is surprising how often one dog realizes that another dog is either injured or in danger of being injured and goes to the aid of his canine friend.

Dogs may not take to each other in conventional manner, but they certainly have a method of communication.

Probably the biggest advantage of success resides in the fact that you don't have to listen to good advice any more.

(Illinois Editorial)

FPTN CHATTER

The FPTN meets daily Monday thru Saturday at 0700 on 3945 kc. Everyone is invited.

For several months we have been without regular Miami net stations. One morning W4IYT, W4ZPO, W4OLV and W4KGJ all checked in and we didn't have a piece of traffic for them. That's the way it goes.

Mert W4JRJ in Clearwater is a regular net member now and since he joined the net, traffic for that particular area has really been nil. When we didn't have an outlet for that section, there was always Clearwater traffic. What you gonna do?

Did you fellows know that W4JQ in West Palm Beach was the daddy of FPTN? I'd like to know a littel more about how the net originated etc. . . . if you can, drop me a line with full particulars. Tony has been poining the gang in a "Rag-chew" session every morning lately. Also we have had Fred W4RWM several mornings.

Other stations checking in this month were: K4FPC, Mac in St. Pete who is one of the better traffic handlers in the state. Before Mac had heart attack, he was very active in traffic circles. K4FXG, Dave, Dade City has checked in several times this month also. Dick, W1KFQ/4, Tampa checks in occasionally. Haven't heard K4DBT too much lately . . .

Dan K4ILB, Bradenton, hasn't been with us the last couple of months. We sure do miss your efficient traffic handling Dan.

Tom W4BVG in Orlando, K4QXD Roy in Leesburg and K4ADD have joined us several times this month. W4EHW Rij came in one morning too. W4ADT Pross, Jax is always sitting listening to the net. He isn't a regular member but he's always got his big ear tuned in. Say, Pross has a very nice phone patch.

On the Binnacle list this month are: Pat W4WS in Deland who has been in and out of bed for the past several months. I saw Pat the other day and although he is up now he still doesn't have his strength back. Dan in K4ILB has been ill along with W4DUE Preacher in Tampa and K4QXD, Roy in Leesburg. Come on Fellars, let's get well fast and get back in the net.

Station who have checked in at least once this month are: K4ZNC, Ft. Pierce: K4SMK Ken, Ft. Myers; K4QFC, K4PPR in Kissimmee; W4BWR Ruth in Melbourne; W4YBL Andy in Charlotte; W4ARZ Lovey in Ft. Lauderdale; W4UZB Bob, Steinhatchie; K4EJW Roy in Silver Springs and W4NTS Hal in Southern Pines, N. C.

Well gang, my 42K's are running hot so I'd better secure and get ready for work. Just heard Preacher W4DUE come on and say — Watsa matter watsa matter — where is everybody — watsa matter you all sick er sumtin? That boy is a character . . . . Take it easy and we'll see you next month . . .

Herb, K4LCF

FLORIDA SKIP

50 mc. HONOR ROLL

States		
Countries		
W4KKU, Miami	48	
W4GJO, Sarasota	48	23
W4CQP, Hollywood	46	26
W4EQR, Pensacola	46	
K4HIL, Pompano Bch.	46	17
W4QN, Orlando	44	
W4FNR, Ft. Laud'le	44	19
W4IUG, W. Plm Bch	43	11
W4HZG, Hialeah	42	12
W4AYV, Umatilla	42	
K4QHN, Sarasota	42	
W4RMU, Jax.	42	17
K4GKL, Miami	41	11
W4LIP, Miami	41	
K4QXB, Miami	41	
W4FBL, Jax.	40	
K4SCS. Miami	39	6
K4HSW, Miami	38	9
K4PPX, Ft. Lde.	38	6
K4HNS, Miami	38	
W4EHV, Miami	37	
K4KUY, St. Pete.	37	
K4DMB, St. Pete.	37	
K4MVJ, St. Pete.	37	
W4CIL, W. Plm. Bch.	37	5
W4AKB, Miami	37	5
W4GWF, W. Plm. Bch.	36	
K4AGM, Pensacola	35	
W4MBJ, Jax.	35	
K4DZP, Hialeah	35	
K4QQE, Ft. Lau'dle	35	6
K4UGA Hialeah	35	5
K4RKV Hialeah	35	5

JAX TO MIAMI IN 39 MINUTES

No, it's not a new jet, it's how long it took a message to get from Jacksonville to Miami. You ask, "so what?" Try it on 2 meters. Well anyway, Allen Engleman, W4RMU, VHF PAM for Eastern Florida and our "VHF in Florida" editor (elsewhere in this issue), sent a message to ye editor. Allen snagged K4IXC in Melbourne and he relayed it to K4ZDV in Miami.

Allen has plans to set up a State-wide 2 meter net. Can you help him? If so, drop him a card. See page 2 for QTH.

Meet some of the Orlando Radio Club who put on a wonderful hamfest at the Cherry Plaza in April. Front row, left to right, Ace, K4AKQ; Elmer, W4HFR and Bumpy, W4WGR.
Back row: Harry, W4TQA; Frank, K4RAD; Clarence, W4TVR; Dave, W4TOD; Art, W4AWS; Ernie, K4HXP; John, K4HTZ; Ernie, K4GHL; Mac, K4TMN; Evelyn, K4UIZ; Wes, K4KRG; and Hal, W4BKC our Skip correspondent.
Sitting, back row, is Tom, W4EWB. This gan is to be congratulated for putting on a smooth runing hamfest. If you look closely you will see the Florida Skip Field Day Trophy to the left of Tom. Many of this same crew worked hard last year and are going to do it again this year. Field Day — June 25 and 26. Get your scores in to Skip before July 15. Send your field logs to ARRL.

BROWARD

OPERATION ALERT

As usual the Broward 6 meter Civil Defense net came through with flying colors in handling emergency traffic d ring the May 3rd National Operation Alert. As the simulated bombs were being dropped as close as North Miami Beach and Patrick Air Force Base there were many messages being handled by our 6 meter group. Many thanks to net control K4RCV, K4QYB, who were stationed at W4AB, and to our CD Director, Lovey, W4AHZ, who did a very good job and most of all, thanks to the 6 meter gang who were most helpful. — 73 Fran, K4PPX.

FUNNY PHONETICS

Listed below are phonetics for the "eye Ball" QSO's. Use the recommended ARRL phonetics on the air.

W4AYD—Another Yankee Dog.
W4MBJ—More Bad Junk.
K4MNM—Mama Needs Money
W4DDW—Down Dixie Way
K4AHW—Ageing Hialeah Wolf
K4TFS—That Florida Slob

NET DIRECTORY

The 1960 ARRL Net Directory (CD-50 Re. 12/59) is off the press. This Directory carries all Florida Nets who sent into to ARRL. You may have a copy by making a request via card or radiogram to: Communication Dept. A. R. R. L., West Hartford, Conn. Give full mailing address and call. It's sure handy to have around the shack when you want to clear traffic directly into a out-of-state net. 'No ham shack should be without one."

EX-CALLS

As a service to Florida Skip readers this column is set up for anyone wishing to list any ex-calls. Please send them in anytime: Box 501, Miami Springs 66, Fla.

W4AYD—ex W2GXP
W4MBJ—ex W30WY
K4URA—ex 8CX, 9BW, 8BWR, 8ARI, KP4DB, W3CK, now W8CX & K4URA.
W4OND—W3MAO
K4RXD—W9YJC
K4RXV—W9INI

FLORIDA SKIP

A Non-Profit Organization

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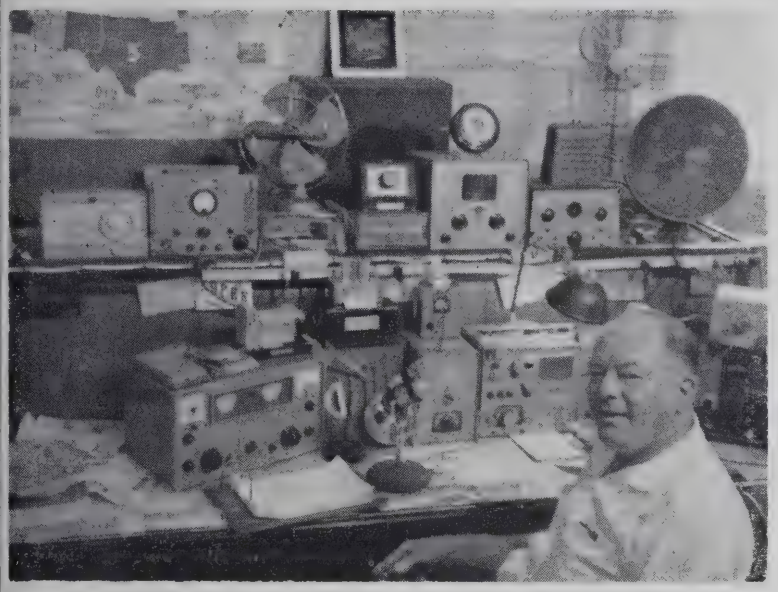

This is Harley Thursby, K4ZDV, one of Miami's outstanding VHF amateurs. He holds a remarkable record in working K4IXC John of Melbourne daily a.m. and p.m. See feature story by W4ZXK in June SKIP.

NEW FLORADORA PRESIDENT

Marge Campbell, K4RNS, 24 Palmetto Drive, Ormond Beach, was elected president at the annual Floradora meeting.

She is the XYL of Jim, K4RNR. K4RNS has received some 27 certificates and awards, among them the ARRL Public Service and FLORIDA SKIP public service awards. She was second to receive the Worked All Florida Counties plaque and certificate, sponsored by the Dade Radio Club (W4NVU) in Miami.

Marge is active in ARRL, YLRL, AREC, FMTN and secretary of the Daytona Beach Amateur Radio Society, K4BV. She is an honorary "Georgia Peach" member of the Grandmother's Circle. We are all proud of Margie, and our heartiest congratulations! See picture inside.

FUNNY PHONETICS

W4AKH—Always Keep Happy
W4AKF—Americas Kingdom Florida
W4HTH—Hot Time Harry
W4JVF—Just Visiting Florida
W4DWI—Driving While Intoxicated
W4HWA—Four Hard Working Amateurs

Dear Mabel,

Friend of mine says he knows you, but wouldn't tell me who you are. All he would say is that you have ideal measurements. I don't mean to get too personal, but what are your measurements?

Wolfie

Dear Wolfie,
Your friend must work phone. I am 5 by 9.

Mabel

Dear Mabel,
Who is this guy "Charlie-Charlie" on the Midday Traffic Net?

Hi Noon

Dear Hi,
He is a fellow from Walla Walla suffering from beri-beri.

Mabel

Dear Mabel,
Why do they call all of us XYLs? I resent being termed an EX-young lady.

Cleo Clipper

Dear Cleo,
Being married to someone who takes part in contests, works DX until the cold, grey dawn and is never happy unless surrounded by large untidy amounts of spare parts will age anyone. It's when they start referring to you as an XXYL that you should bear malice.

Mabel

Dear Mabel,
Who, or what, are you?

Betty, W4GGQ

Dear Betty,
I am a combination plumber, warden, cook and field hand. The colloquial term for this is "housewife".

Mabel

Dear Mabel,
We have all ready your complaints about hams. Does Clyde have any complaints about women?

Sam Squelch

Dear Sam,
He says that since they can't be turned off they should all come equipped with AVC switches.

Mabel

Dear Mabel,
How do you intend to enter your OM into Silent Keys?
Working 4 Lower Input Power

Dear Lip,
Since radio is his only activity, I think I'll petition the government to declare him radioactive. Then they can do Clyde like they do all radioactive waste —take it out to sea and sink it.

Mabel

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

FROM THE EDITOR

As you all know, last month brought us into our FOURTH year of publishing FLORIDA SKIP. It continues to grow. We all wonder where it will stop. From all indications, it will last another 4 years and perhaps longer.

Millions of words and call letters have been printed in the pages of SKIP. It's been a real pleasure to be your Editor. I might add, it's been a little work too. Not just for the Editor, but by Frank, W4JO; Betty, W4GGQ; and Hank, K4LQS and many, many others. It's been a real pleasure working with our fine correspondents. Everyone has been wonderful.

At our recent FLORIDA SKIP staff meeting, it was decided to print a diagram of some popular piece of equipment each month. Send in your requests or submit a diagram that you would like to see printed. Diagrams submitted should be in black and white and be sure you CHECK and RECHECK it carefully or you will receive a basket-full of letters giving you you-know-what!

We also decided to print more pictures in "off-set." So, send in your snap shots, any size will do. Make sure the print is clear. Please don't send just a photo of your equipment. We wanna know what YOU look like too This will be another SKIP service for your pleasure.

Our sincere thanks again to everyone for your wonderful support to SKIP. You can help even more by telling your friends what we are trying to do. That is — let everyone know what everyone is doing — in a nice sort of way.

LETTER TO ED

Editor, Florida Skip:

On behalf of the officers and members of the St. Petersburg Amateur Radio Club, I wish to extend many thanks for your contribution to the prizes given away as part of our annual Hamfest.

Your generosity was greatly appreciated and if there is anything the club can do for you at any time, please feel free to call upon us.

73,
James N. Dillman, K4USK
Secy.-Treas.

ARRL-OB 744

Effective March 17, amateurs of Honduras and the United States will be permited to exchange messages on behalf of third parties. Details will appear in May QST. Other countries with which the United States has similar agreements are Canada, Chile, Costa Rica, Cuba, Ecuador, Haiti, Liberia, Mexico, Nicaragua, Panama, Peru, and Veezuela.

W4AGW—Atlanta Garbage Wagon
W4FOE—Friend Of Everybody

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Net, (FPTN) K4LCF, Herb Zeigler, Box 12, New Smyrna Beach.

NOVICE-FORUM, W4UHF, H. Ro Scott, 3607 Omar Ave., Tampa

VHF in Florida. Allen A. Englemai W4RWU 2442 Pine Estates Road So Jacksonville 8, Fla.

Poet, W4ZJ, Jim Kellow, 2315 Ironwood Dr., Jacksonville

Net, (TPTN), K4ODS, Max Robinson, 551 Lyndhurst St. Dunedin.

Net, (FMTN) W4GJI, Tip Curran, Box 48, Palm Beach.

VP7 Land, VP7BH, Bill Morris, NAA c/o PAA Eleuthera AAFB, Patrick AFB, Fla.

MARS Dist. No. 2, A4WDX, Willian Budd, 666 Arriveda De Mayo, Sarasota.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 W Columbia St., Orlando.

Club, W4LJM, David Nelson, 22 Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferro 1364 N.W. 23rd Ct., Miami 35.

Club, K4BY James D. Felsenheld, 3404 27th St. West, Bradenton.

Club, W4DXL, Bill Lando, 1920 SW 4th Ave. Ft. Lauderdale. (Hollywood Club).

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, Dade, Forest & Martha Bahr K4SEE/SED, 834 NW 9th Ave., Miami 36, Fla.

Club, Fort Myers, Ken Stewart, W4SMK, Box 1745, Ft. Myers, Fla.

Club, Lake Co., Irene Conklin, K4LPV RR 2, Box 466, Bassville Park, Leesburg, Fla.

Club, K4GPJ, Red Clotfelter, 660 E. 60th St. Hialeah.

Club, K4RXD, Betty Darsch, 2745 Ave. P, N.W., Winter Haven

Club & Net. Suncoast VHF. Clyde London K4EUJ, 4829 Caesar Way So., St. Petersburg.

Club, South Miami, Joe Caplano Jr., K4VFW, 10260 SW 34th St., Miami. Club, DBARA, K4RNS, Marg Campbell, 24 Palmetto Dr., Ormond Beach.

Club, Broward, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET, Bob Street, 116 Iroquois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolamo, 216 Doris Dr., Lakeland.

FLORIDORA NETS, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Hint & Kinks, K4UGC, R. V. Frederick, 460 NW 108th Terr., Miami 50.

Net, Hillsboro AREC 6M. Net, K4LLG, Joe Mills Jr., 3622 S. Hubert Ave. Tampa.

SCM E. Fla. ARRL, John F. Porter, W4KGJ, Box 7295, Ludlam Branch, Miami 55.

SCM — WEST FLORIDA, FRANK M. BUTLER JR., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

FLORIDA SKIP NOMINATING COMMITTEE: Fran Foley W4BIL, 14698 — 63rd Way, No. Clearwater. Herb Hamilton, K4KDN, 1524 So. Lake Howard Dr., Winter Haven. Curt L. Parrish, W4SVX, P. O. Box 161, Winter Garden, Fla.

PET PEEVES

The continual harping in national publications by SSB operators for a fair share of the amateur bands particularly the additional frequencies recently added to 20 meter fone. SSB gang wants to split 5-50. Considering the fact that not over 5% of the hams licensed to operate fone on 20 meters are on SSB the fair share for SSB on 20 fone would be 7500 cycles, yes 7.5 Kc.

K4AHW

(Editor's note: Are you mad at somebody, or something? Do you have something on your chest? Do you have a Pet Peeve? How about sending it along? Don't get nasty and keep it clean, please.)

W4ZZS—Zig Zag Susie
W1LAN—Lousy Alcoholic Neurotic (a preacher)
W1UED—Usually Eats Dinner

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SO — They said it couldn't be done! WELL — There it is in black and white!

Come on in and see us, bring the XYL and Harmonics, we are air conditioned bring along those tubes you have been wanting to test, we have the tester. What about that old gear laying around the shack, bring it in maybe we can buy it or swap it for something you need. We aim to please. We will appreciate your comment as to how we can better serve you, we know that your good opinion is our greatest asset.

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Miami 37, Florida
Open 9:00 to 6:00 — Saturdays, Too

SCIENCE SIGNALS

By Louis J. Polskin, Ph.D., M.D.

K4LTX, Lakeland, Fla.

ATTENTION 300,000 U.S. SCIENTISTS! If you are one of these fortunate men or women enjoying a full time career in any scientific or technical field, you are reminded to request and register immediately the CONFIDENTIAL report obtainable from the National Science Foundation, 1901 Constitution Avenue N.W., Washington 25, D.C. Scientists classified specifically as CHEMISTS AND CHEMICAL ENGINEERS should obtain their application forms directly from Register Supervisor, Philip A. Sweeney, the American Chemical Society, 1155 Sixteenth Street N.W., Washington 6, D.C. The National Science Foundation is required by law to amass and maintain the NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL. The American Chemical Society has contracted to obtain data on chemists and chemical engineers exclusively. These agencies will welcome the scientific rosters of the U. S. Public Health Service, U. S. Civil Service Commission, Engineers Joint Council, an dthose of OVER 200 technical societies concerned with chemistry, medicine, surgery, biology, engineering, astronomy, agriculture, mathematics, physics, and psychology —to mention but a few. Membership in a specific scientific society is not a requisite for registration in the national listing. There is no fee.

Such data will summarize the "nation's supply, training, utilization, and general characteristics of scientific and technical personnel", provide the respective profession with information of its current economic, academic and geographic status, and contribute statistical analyses of persons trained in the life sciences, earth sciences, physical sciences, engineering, and the like. As pointed out by Dr. Alden H. Emery, Secretary of the American Chemical Society, such a pool of information of highly trained individuals is needed by our country in the event of a national emergency and in matters of Civil Defense.

This worthy undertaking will evaluate the multitudinous categories comprising our calling, "SCIENTIST". The Specialties List attached to the application form you will receive, on request, from the aforementioned agencies, notes, in fact, 889 titular categories under which the "SCIENTIST" earns his livelihood today! The applicant is requested to list not only the specialty in which he considers himself professionally, but also the specialties in which he considers himself to have the greatest professional competence. The latter may be related fields or fields outside one's current interest.

Regardless of your field of scientific endeavor, YOU are undoubtedly eligible for this 1960 survey. Consider the data of the last national survey, 1956-58: nearly 48,000 registered scientists held one, or more, doctorate degrees, 36,000 held master's degrees, and 48,500 had less than a master's degree. Only 3500 doctors of medicine submitted their biographical data which certainly gave poor representation of this vast profession. It is estimated that during 1960 at least 250,000 SCIENTISTS will provide information for the NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL. Summary data will appear periodically from the National Science Foundation in their publication, "Scientific Manpower Bulletin".

Have you registered yet? You, too, can be a valuable statistic:

WINTER HAVEN-LAKELAND

The excellent attendance to the Winter Haven Club Party by the guys and dolls from the Lakeland Amateur Radio Society was most gratifying to the eyes and ear of all, while the delicious food was most satisfying to the taste. Nothing but GOOD can result from this type of cooperation with other amateur clubs in Polk County. It is hoped that May 21st meeting will become a date long to be remembered because it is felt that on this date a major step in the right direction toward the formation of a county wide Ham Association was made.

My sincere thanks and appreciation to all who helped to make such a splendid attendance possible. — Martin K4VBQ. (From LARSGRAM)

CONCH CERTIFICATE

The Key West Amateur Radio Club (W4LLO) is now issuing a "Conch-Net Certificate." All you gotta do is contact 10 Key West amateurs. Send the list to W4LLO, showing: Station contacted, time, date and band. It's a dandy certificate and worth working for. (Editor's Tip. KW/AREC net meets Sunday, 1400 on 3910kc. and that aint easy.')

FORT MYERS CLUB NEWS

Ken Stewart, W4SMK

Another Field Day will have come and gone by the time this is in print, and another club will be the proud possessor of the Florida Skip Trophy and receive much honor and glory. Hope everyone had as much fun as the Fort Myers gang did. Nothing like Field Day to point up the weak spots in your emergency communications organization.

By the way, the hurricane season officially started June 15, so now is the time to polish up thee barometers and lay plans for a good local and state-wide emergency net. Check with your local E.C. and be sure you are tied in with the Florida Emergency Phone Net, or Coastal Net, and local Coast Guard group. Keep your fingers crossed and be prepared in case one of those New England hurricanes gets lost.

The club had some very fine movies about weather, including dramatic close-ups of a tornado and hurricane in color. This film may be available through your local phone company if you are interested. Also at the last meeting, Mr. Hitzing, the local C.D. Director, was our guest, and he gave a short talk on the C.D. situation. Looks like Lee County will soon be in good shape if all our plans work out for Civil Defense.

Local Splatter — New calls in town are Harold, KN4UNJ. Also Bill, WA2KZY/4, and Randy is now W4MOI instead of W0IPQ /4, and Chuck is KN4VSN.

W4KCW and W4CQZ have 6 meter communicators, and good beams are going up to take advantage of the DX openings.

KN4VGN has taken his Technician Exam, and is sweating it out along with 7 new Novices who are waiting on FCC.

We really like the new membership cards Florida Skip is passing out but still think Mabel's column is worth the two bucks a year, even without the free ads, special club rates, etc. Wonder if Clyde is related to a certain Daytona Beach ham of the same name? Guess we'll never know.

W4KET made a 20 meter beam out of a 15 meter job. Herb had just abt worked all the DX on 15 he said. He also has a 40 meter vertical for when the sun spots quit completely.

The FMARC has a dandy simple diagram for squelch on the Heathkit 6 meter transceivers. It will soon appear in a national magazine for you 6 meter fans.

There are somewhat over 200,000 amateurs in the U.S. now, and if you don't believe it, just listen to the QRM on the Midday Tfc Net some Saturday, Hi! Some Sunday, try listening to the 40 meter cw band and compare it to the fone band QRM. Almost makes you dig out that rusty old key.

73 and best luck till next month
Ken W4SMK

SUNCOAST VHF CLUB

and

SUNCOAST 6 METER NET

Clyde London, K4EVJ

The 6 meter certificate is ready and gone into effect as of June 11, 1960, each member will have a sticker on their card stating that they are a member, so all you who work 6 mebers just send the QSL cards to the secretry, K4EAC, and she will send one to you.

The club plans to have their annual picnic on July 10, at Phillippi Park, bring your lunch, XYL and harmonics. Had a fine time last year and expect to have a fine time this year also.

Suncoast VHF Club has joined in with SPARC for the field day activities, we have all the necessary equipment for 6 but need some 2 meter gear, K4LYS, Jim, is chairman for the VHF Club.

K4HQA, Art and XYL have gone on an extended trip out west, will be gone a month. W4-BAV, Cathy, off to the YLRL International Convention at Cambridge, Mass. W4OND, out in California, all have fun. K4EVJ, Clyde, XYL and family leaving the middle of June for a month in New York, New Jersey and Canada.

K4CEX, Don, net control station for the 6 meter net, had rig trouble, had to call on K4IKK, Herm, to take over, then K4IKK had trouble but got through all OK, had the usual fine turnout to answer roll call.

73, Clyde, K4EVJ

CERTIFICATE HUNTERS

Being a certificate collector, I have found the new acetate looseleaf protectors, are the same size as the average certificate. All one has to do is place certificate in the sheet (it is a double sheet of plastic folded over). The plastic is firm, clear, has a heavy sheet of paper for extra body. Holes in side for looseleaf can be used for hanging up, or very convenient for filing. Inexpensive too. About 20 cents each.

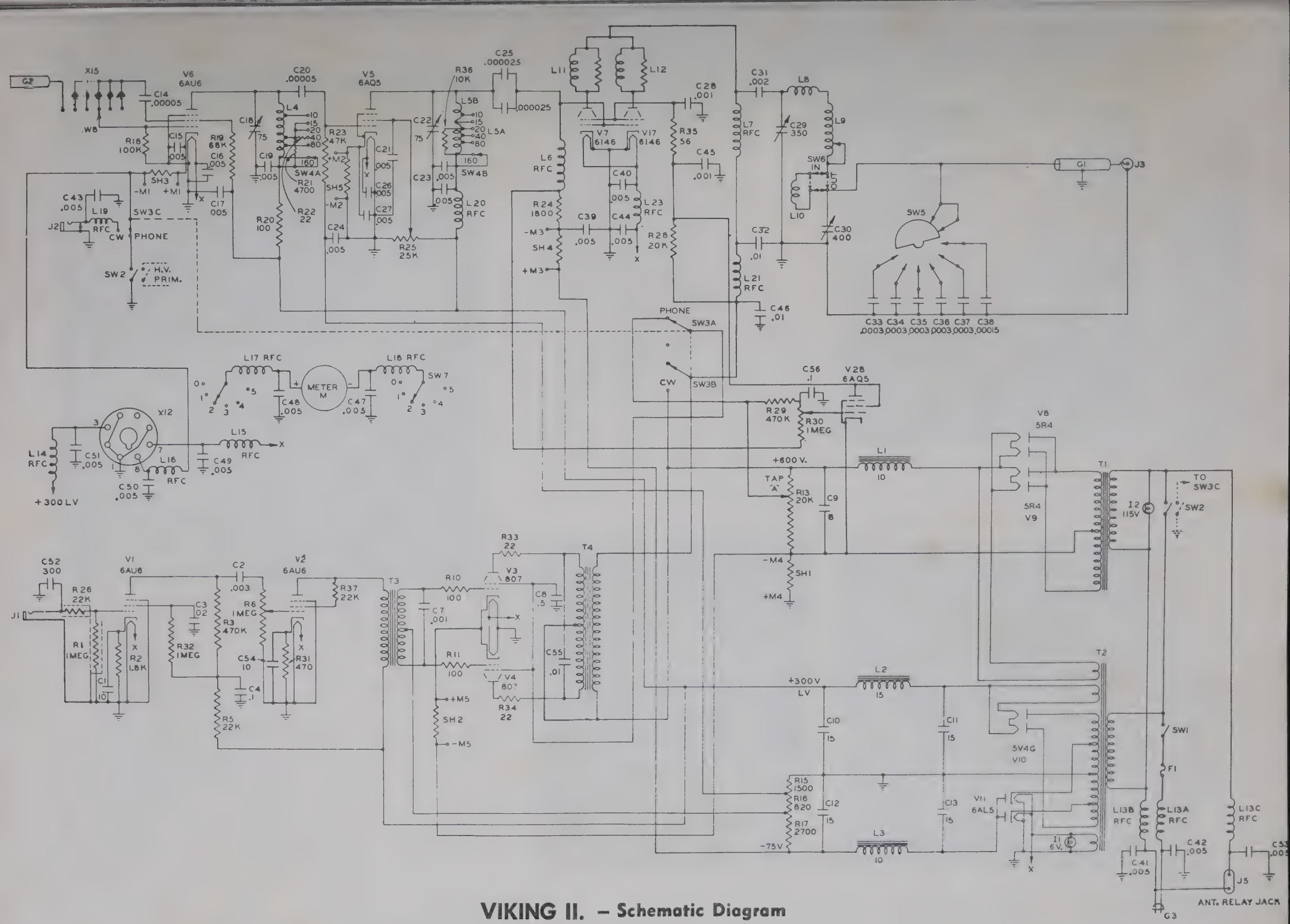
Marge, K4RNS

Marge Campbell, K4RNS
Ormond Beach, Florida
New President
of
FLORADORAS
(See article elsewhere)

HILLSBORO COUNTY AREC SIX METER NET
Few of gang, l. to r.
W4JJV K4IAL W4AQ K4AQM W4MDZ
K4FTU K4VLD W4LQS
Photo by K4LLG

[illegible] RADIO CLUB (W4[illegible])
[illegible] Wabash W4[illegible], [illegible] Co. [illegible] SO
Al [illegible], K4UGA, Pres. HARC
Bill Peterson K4KDW, [illegible] DRS

Max Robinson K4ODS and "Shorty"
Dunedin, Florida



VIKING II. – Schematic Diagram

VHF IN FLORIDA

Allen A. Engleman, W4RMU

Last of May and first of June continued to be very good for sporadic E openings on 50MC. As usually happens during the June VHF QSO party the band opened up. Sat. night the band opened up all way from W1 and VE1 to the Rocky Mountains, giving many Florida contestants a large number of section multipliers.

Late Sunday afternoon the band again opened for a few hours ,but this time the skip was short with Miami stations working as close in as North Carolina, and northern Florida contestants working as close as Virginia and Tenn. Tremendous scores should be turned in this time by the Florida gang. A number of the gang picked up new states such as hard to get Colorado and Wyoming.

144MC is still in its stride with numerous tropo openings. On May 16 and morning of 17th the band again opened up to the gulf states with Texas on the extreme west. This opening came up as far north as Jacksonville at least and W4RMU picked up Texas and Missisissippi for two new states. When the band opens up like this at night don't overlook the probability that it will still be open the next morning. It usually is and the fellows on the other end will be there waiting. Try it sometime.

144MC opened up many times for the length of Florida, sometimes lasting for several days. The night of June 13th numerous low power stations in Miami worked up to Jacksonville. The prize goes to K4DZP who put in S7-8 signal into Jacksonville on fone running only 3 watts output from a 2E26 and a 40 element array. Chalncey, K4DZP, is in Hialeah. K4ZDV put an S9 signal into Jax on fone running 100 watts and 10 element beam. K4RCV, Bill, Ft. Lauderdale, also put in an S9 sig to Jax with his Geneca and 10 element beam. This is the type of openings we have been experimenting along the Florida East Coast, with more powerful stations like K4IFI running S9 plus on SSB. Stations like K4IXC, Melbourne, K4IXG, Indialantic, were S9 in Jacksonville off the back of their beams. Other stations heard and worked during the past month include W4EID, Lantana; W4MBR, Vero Beach; W4SGY, Lakeland, K4CFX, Winter Haven, and W4EWB.

220MC, still in its infancy in Florida, is showing signs of progress. On May 15th W4RMU worked W4EID in Lantana cross band with W4RMU on 220MC and W4EID on 144MC. W4EID was copying on his VHF126 converter. K4IFI worked K4IXC cross band , K4IFI running very low power on 220MC SSB with K4IXC transmitting on 144MC. K4IFI is in Miami area and K4IXC in Melbourne. Will 220MC prove to be as good a DX band as 144MC?

Late flash from W4FNR, Ab, in Ft. Lauderdale, He has now worked 30 KP4's on 50MC. He also worked W0IC in Denver, Colo., for a new state pushing his total up to 45.

Keep a close watch on both 6 and 2 this summer months. This time of year, these bands are full of surprises.

DAYTONA BEACH AMATEUR RADIO ASSN., INC. "GABFEST"

DBARA Inc., will hold its annual "GABFEST", Sunday, Sept. 4th, 1960, at the Elinor Village Teen Age Center Building, on the ocean, on the corner of Hwy A1A and E. Granada, Ormond Beach, the same location as in 1958, across the street from the Coquina Hotel where it was held last year (1959).

Admission is free, tickets for drawing 50 cents each, an interesting first prize is being planned.

Hot dogs and drinks will be available on the premises, or bring your own lunch, or enjoy restaurants located conveniently nearby.

Swap Shop and auction will be held so bring your "junk".

Hospitality House will be in Ellinor Village from 1200 (noon) EST Sat. Sept. 3, to ???. Refreshments "on the house."

Reservations for overnite guests to be made at Ellinor Village, special rates for the weekend from Saturday to anytime Monday. Bring the whole family, even the dog. Contact W4SDR Clyde Mashburn, 25 S. Halifax Dr., Daytona Beach, for info on reservations.

Bring the family, romp on the World's Most Famous beach, have "eyeball" QSO's, and "Eyelash" QSOs—Swap gear or sell it, and just plain have fun.

Reservations at Ellinor Village made no later than Aug. 10th to insure being in the "Ham Area". When writing give call, name and address.

50.160 kcs will be monitored for those seeking directions.

C U All in Daytona/Ormond Beach?

FPTN CHATTER

HERB - K4LCF

The FPTN meets daily, Monday thru Saturday at 0700. Frequency 3945 kcs. This month, traffic was on the upswing but Ham K4SJH and myself noticed a decided drop in the amount of Florida traffic on National traffice networks.

K4LCF had the privilege of visiting Walt K4VNA in Daytona Beach the other day. He really has a wonderful set-up. One thing about Walts shack, if you get tired of looking at the QSL cards on the walls, just bend your head back and look at maps etc. on the ceiling.

K4BOO Jim, Ocala is now a net control. Jim has the net on Saturday mornings and is doing a very fine job. Just like a PRO. I expect to have the capable assistance of K4MTP Gene over in New Port Richey soon. Gene is an old traffic man and will do a good job.

New stations which have been added to FPTN roll call recently are: W4CBE George in Sarasota — W4ZPO Dick in Miami. Of course one of our past net steadies W4OLV Bill in North Miami is back again . . . Did you boys know that we have an outlet for Alaska? We can route it through K4SLR down in Miami.

Our deepest sympathy to K4ANJ Johnny in Ocala. John and XYL lost their little daughter. May the Lord be with you John during these trying times.

Stations in the "slip-in and slip-out" department are: K4ODS Max, Dunedin—W4EHW Red, Miami; K4BYI Doc, Gainesville; K4ILB Dan, Bradenton; W4DVR Mac, Ocala; W4Pt Doc, Tampa; W4TKS/M Walt, Gainesville; W1KFQ/4 Dick, Tampa; K4QXD Roy, Leesburg; W4ADT Pross, Jacksonville; W4OLQ, Merritt Island; W4PNS George, Clewiston; K4FXG George, Dade City and W4JVF Bill, Orlando.

Fellows, I don't feel as if we are doing our best as far as traffic is concerned. We always average about 7 to 9 pieces of traffic daily and I know we can do better. What more can you ask, we have several very dependable outlets for out of state traffic. Let's see if we can't "hustle" a little and build up our traffic in the next few months. Be sure your headings are complete, that is, msg number, originating station, group count, place of origin, time filed, and date. One of the biggest traffic infractions I have noticed is the lack of time filed in the heading. It's not good procedure if it isn't used.

One other thing, be a little organized when reporting into the net with traffic. Several times we have had to stand by while stations sort their traffic. This in a well organized station is done beforehand and represents no real problem. As far as the addressee is concerned, be sure it's complete with street address and telephone number if possible . . . Caution!! Never take a piece of traffic unless you know for sure you can move it . . . No file 13 please . . . Do not try to assist NCS unless he asks for your help or designates you to assist him. When you do, it all adds to Dual Tranmissions and slow net movement —

Let's all further amateur radio locally — anything of importance at all pertaining to our radio activities, let's let the newspapers and local radio stations in on it. You'd be surprised, they are delighted to get any news on amateur radio. Don't believe it? Try and find out . . .

That's all this month my patient friends . . . take it easy and keep your transmitters clean . . . This makes Mr. Gilbert and FCC very happy . . .

HURRICANES AND TORNADOES

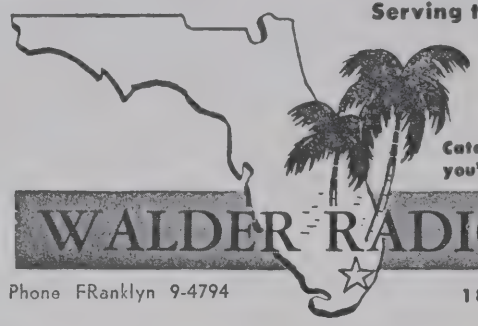
As of June 15th, the hurricane season officially opened. The official phone nets to handle hurricane and tonodoe reports are the Florida Emergency Phone Net on 3910 (night) or 7295 kc (day) or the Florida Midday Traffic Net on 7230 kc.

If possible, all reports should be dispatched to the U.S. Hurricane Warning Center in Miami or your nearest Weather Bureau station quickly as possible. Time is of the utmost importance. Call long distance collect if necessary.

WHARA was host to surrounding clubs recently at the Civic Center in Winter Haven. It was a very informal get-to-gether. The floor was open to anyone who had something to discuss. The discussions brought out some very interesting things. Civil Defense, a United Xmas "orphan" party and work of the individual clubs.

Lakeland, Lake Wales, Plant City and Auburndale were represented. About 60 in all. Of course the buffet refreshments were enjoyed by all.

73, Betty Darsch, K4RXD



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RCA 866A $ 2.50

Blitz Bug $ 3.95

RME Preselector DB 23 $ 49.50

Look For Our New

GRAND OPENING

DADE LOST XMTR HUNT

The Miami Springs Radio Club is now holding a hidden transmitter hunt every Friday evening at 2000 EST on 29 megacycles. The rig will be located, for the next few weeks, in the northwest section of Dade County. This area includes the Miami Springs-Hialeah area.

Power input of the transmitter is 4 watts AM phone. Station will be identified as the hidden transmitter and will be in QSO with another local club station. Transmissions start at 2000 EST and will be of one minute duration every five minutes.

All amateurs are invited to tune in, take a few bearings, locate the transmitter and enjoy some fine cool refreshments waiting for you at the transmitter site.

If further details are needed contact K4GGX, Herb, MSRC president. We'll be waiting for you at the rig.

MONT L. (PAT) PATTERSON

W4WS

The Lord is my Shepard: I shall not want. We know oh God, that Pat did not want for friends and faithful brothers, he maketh me to lie down in green pastures; he leadeth me beside the still waters. He restoreth my soul: he leadeth me in the paths of righteousness for his name's sake. Yea, though I walk through the valley of the shadow of death, I will fear no evil: for thou art with me: thy rod and thy staff they comfort me. Thou preparest a table before me in the presence of mine enemies: thou annointest my head with oil: my cup runneth over. Surely goodness and mercy shall follow me all the days of my life: and I will dwell in the house of the Lord forever.

Pat is dead. Pat led a good life. There were no ill thoughts in his mind or in his deeds—only perfect good. And as he walked through the valley of the shadow of death, truly there was no worry in his mind. I know he was at peace with God the Father. Pat was wealthy, not so perhaps in worldy possessions, friends he had, and wealthy in but wealthy in the number of the love of his beloved wife Jess. I know that somewhere from beyond the river of death, Pat's spirit is watching over us — standing beside us — just as Pat did in life — always ready to help, always ready to give cheerful advice.

To say that we shall miss Pat is not enough. There is an empty niche in our hearts, filled only with the blessed memory of Pat and the good he did while on this earth.

So, we say farewell to our Beloved friend and brother. No one can ever take his place in our hearts and our lives. Only beautiful memories, sacred memories remain — those we shall hold unto ourselves until we join him in the land that our God has promised us.

Mack G. Britton, W4DVR

LONG WAY HOME

A couple of weeks ago W8FQD/4, who lives in Bradenton most of the year, called KZ5AY for a QSO. The Canal Zone station asked Dick to look up W4ARX whose XYL was in the hospital. This was the first that Dick knew of this although he lives less than a mile from W4ARX. Incidentally, the Canal Zone station had just signed with another Bradentonian W8DJ, who also lives here most of the year. (Kathleen Art's XYL is at home now and thanks many ham friends for cards and letters).

W4TAS

MOBILE IN BIG WAY

K4CXF and K4CWV, Fred and Mary Spencer of Winter Haven are installing their equipment into their newly acquired 18-foot trailer. They are preparing for their summer trek up New England way and will operate from various locations on SSB.

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SKIP FEEDBACK

June 1957

Florida Skip volume 1, number 1 in mail . . . . announces Silver Springs Hamfest. Mac W4DVR anticipating 500 amateurs and families . . . . Front page picture of Floridora YL's taken at organizing meeting at Rock Springs April 28th. Officers elected were Fran, W4BIL, president; Ruth, W4BWR, vice-president; Blanche, W4GXZ, secretary-treasurer.

Art, K4GOX having fun on six meters . . . . W4UF chats with Prince Abdullah, son of King Saudi in the palace at Saudi Arabia . . . . St. Pete Amateur Radio Club YL's elect officers . . . . President, W4BAV, Catherine; Vice-president, W4WPD, Shirley; Secretary-treasurer, W4TDK, Naomi . . . .

New P.A.M. is W4TAS . . . . New traffic net is F.M.T.N. . . . . NCS W4HGO, W4DTV, K4BNE, W4IYT, K4CJE, K4OQS . . . . Some of members checking in are W4WPD, K4ANJ, K4ENN, K4OYB, W4LMT, W4DWI, W4TKE, K4AEE, K4CXW, W4EKU and many others . . . . K4OQS Jim is the Wild Boar from Hog Alley . . . . W4PJU's latest handle is Petunia . . . . W4ZXL out-talked W4KGJ (SCM) on two-meter mobile on way to Orlando Hamfest and John found himself speechless for the big fest.

Lois, K4ZXK has nice column on two-meter activity in Miami area . . . . Flamingo net meets Friday nights with KN4MAV at the helm . . . . lists about thirty-five Miami two meter stations willing to make schedules . . . . W4AEP, Jess lists following T.P.T.N. net control stations . . . W4AZ, K4ENW, W4HNV, K4LBX, W4DFU, W4HCQ, W4EGB . . . .

Skip regrets the passing of W4AQJ, W4QBR, K4GSO and K4JTG.

* * *

July 1957

W4KQG speeds rescue of four persons marooned on Swan Island . . . . W4AZK Dave, thanks amateurs and Hank, K4LQS for success of Florida Skip . . . . Florida Hurricane net operating on 3695 KC . . . . Began operation on July 24, 1955 . . . . Red Cross commends amateurs on locating dying woman's son. Those participating were W3CUL, K2EFA, W4PL, W4DVR, W4PZT, W4HNC, W4FPC, W4HCQ, W4LMT, K4ANJ, K4ENW, W5BZS and others . . . W4OVO/A4OVO, Jesse Kimmons made Army M.A.R.S. director for State . . . . Alan, A4EFM district one director, Brownie, A4BI district two director.

W4PUW and W4YQU on sick list . . . . Big Mouth Yankee W4BMY, joins the Old Goats . . . . Air Force M.A.R.S. reports new net meeting on Sunday afternoon . . . . novel idea of having a different guest speaker each week from government and industry to explain latest in electronics . . . . W4WDX, Confederate General from Siatica Key making "dog-bones" in his back yard.

S.E.C., Andy Clark (W4IYT) asks amateurs to send in application to A.R.E.C. . . . . Mac, W4DVR announces that Silver Springs hamfest attendance doubled 1955. Bubber Born, chief of communication o fAtlanta police department made talk . . . . Nice letter from VP7BH . . . . W4ZXL making two way contacts with W4VTJ at West Palm Beach on two . . . . As a result of code lessons on air by W4IYT, 17 new Novices in Miami area . . . . K4CEJ also on sick list . . . . Little Bo, W4HRC won an all-expense trip for two at the Daytona hamfest . . . . made a side trip with her sister to see W4HGO and Mary Queen Of Scots . . . . Knights Of Kilocycles has W4DPD, Shakespeare, as Master Oscillator . . . . W4PUW in hospital . . . . Hal, W4BKC, is Speech Amplifier of Knights.

Lakeland Radio Society had talk on transistors by Southern Bell representative . . . . Key West lists new ham calls . . . . KN4OEW, KN4OEX, KN4PAA, KN4PLS, K4PCF and W4GAH . . . . Broward Club visits FCC monitoring station. Manatee County Amateur Radio Club lists Roy, W4EDH as Radio Officer and Lamar, W4FKR as E.C. . . . . New Melbourne Club, Radiation Amateur Radio Club helped the following get licenses . . . . KN4PAG, KN4PAH, KN4PHB, KN4PHC, K4PJK, K4PST.

Floridoras announce new member as Marge, K4BQI . . . . Gainesville Amateur Society announces that several members attended Silver Springs Hamfest . . . . W4TKE back after two weeks tour with Uncle Sam . . . . W4BIL received YLCC certificate . . . . KN4PNH new member SPARCYLS. W4TWR in hospital . . . . W4ARX waiting for old call . . . . Hank Hoffman has dropped the N from his call K4LQS . . . . W4WPD and W4UFR moving into new home . . . . F.M.T.N. congratulates W4AZK, K4LQS and W4IYT on first issue of Skip. New FMTN members are K4MMY, K5DBR/5, K4DNM, W4FE, W4GKX, K4HNC, W4HNV, W4GTJ, W4SMK, W4WEC . . . . 400 hams and friends attend Daytona hamfest . . . . W0FQY, Carl Mosley made talk about Mosley beam.

Orlando Club reports K4AKQ winning prizes without attending hamfests . . . . W4DWI working Russia legally . . . . Novice Hurricane Net operating under W4YJE and W4UHF . . . . Palmetto net manager W4WEO . . . . Field Day in progress . . . . Scores printed next month. Andy Clark, W4IYT requests hams send for subscription to Florida Skip . . . . He also lists the schedule for WARN.

W4TAS

MIAMI SPRINGS RADIO CLUB

Bob Street, W4IET

Most of the club activity the past few weeks has centered around field day, of course Field day chairman Earl, W4YHW, has his committee going full blast. The antenna committee, Dick K4YLG, Tom W4GMR, Willie W4AAT, have been busy procuring wire and co-ax. We've had several brite moon lite nites lately, so better check your transmission lines and di-poles. It may explain that lousy loading you've had lately.

Field day site was selected by George K4YSV and his group. George says its a fine place, takes a boat or swamp buggy to get there however. Biggest problem is where we will place the SKIP field day trophy on display after the contest.

Even with all the field day activities, the hidden transmitter hunts are being held every Friday nite at 2000 EST on 29 mcs. Biggest night was about a month ago when over 20 OM's, XYL's, and Jr. ops turned out. Bill K4FIS, won that night. He had to climb a roof top to locate the hidden antenna, xmtr and operating crew. Bill has won several of the hunts lately, so he is the man to beat when you join one of our transmitter hunts. All amateurs are welcome. The rig is hidden in the Northwest part of Dade County, so take some bearings Friday nite, find the transmitter, meet the Miami Springs gang and have some refreshments to top off the hunt. It's only a four watt rig so listen real good. C U thar and will also be working you on Field Day.

73 Bob

EX-CALLS

Has your ex-call appeared yet? Let your friends know which new call you now have or the old one you used to have.

K4OUX ex K5HJB
K4PMM ex K5OAI
K4CET ex W1BTU
W4MOI ex W0IPQ
W4CLJ ex W3BSS

From W4CLJ: Worked W4CPG (Russ Patterson) Jan. 1, 1935 from Delaware and still have his QSL card of that QSO. His photo is on the card. He looks much older now? 73 Jess W4CLJ.

FROM ANOTHER OLD CRAB

I would like to know what happened to the old 6 meter band. It used to be Homebrew rigs and no VFO's nowadays newly licensed hams have High Power rigs with VFO's and all and brother have they messed up 6 meters. It use to be a well mannered band with polite operators nowadays we have hams that practice tuning; using their new rigs; and zero beating fellow hams. Take the VFO's away and it will be the old band again. Below are a few examples of these hams:

Elmer Staput, a stubborn fellow, who has a VFO but refuses to use the variable feature afforded by it to keep from QRMing existing communications. This freq. was OK the last time I operated, he says, so why should I slide over a bit before I transmit just to keep from wrecking the other fellows QSO?

Fud. D. Duddie, an absent minded codger, who zeros-in to make a contact (which may be FB as it cuts down on the channels being used) then forgets that he is on the other fellow's freq. (xtal control) and proceeds to assume the freq. as his own instead of moving off to new ground and leaving the original occupant free to make more contacts.

O. B. Stinate, an infantile chap, who beats in to try fer that rare one and, failing to work him, makes sure nobody else does either by staying put and testing, calling CQ or his buddy across town to complain that he can't work this choice bit of DX.

Of course there are many other guys and gals who are not as bad, or as consistently but we can all improve ourselves and the band by one simple rule to fellows in using their VFO's:

TUNE; LISTEN; THINK; SET FREQ. THEN TRANSMIT. REPEAT AS REQUIRED.

The Old Crab, III

CLUB PUBLICATIONS

The U. S. Fleet Sonar School Amateur Radio Club, W4NDJ of Key West, Florida now puts out a 3 page News Letter to all its members. Vol. 1, No. 3 arrived at Box 501 right on sked. Editor is unknown. They cover all club activities very well.

LARSGRAM of Lakeland, edited by Jerry, W4MVY is full of good usefull informatio nand reminders to all Lakeland Amateur Radio Society members. Jerry, an old timer at ham radio knows how to make his point. Martin Wilhelm, K4VQB has big plans for LARS and requests help from all concerned.

From the Staff of Florida Skip, good luck to both of these needed amateur publications. Keep up the good work!

the all new Hy-gain THUNDERBIRD tribanders

FOR 10, 15 AND 20 METERS

4-Element Thunderbird

High Q Slim Traps result in a minimum element loading and true full size performance. Longest element 32 ft. Full size elements and full sized boom spacing of 16 ft. allow this beam to operate within theoretical size limitations producing maximum forward gain. The beta matching system is completely factory pre-tuned and requires no further adjustment. This system permits design of array for maximum gain and F/B with no compromise for matching. Exceptional bandwidth maintains low SWR over entire band, at resonance 1.05 on 10M, 1.15 on 15M and 1.1 on 20M. Dipole shunt fed with 52 ohm coax. Interlaced 4th Element makes possible choice of optimum spacing on all 3 bands.

Model TH-4
Wt. 38 lbs.
$117.50

SOLID STATE SLIM-TRAPS

The new Hy-Gain Slim Trap is the world's smallest (1½" dia.) lightest weight trap assembly, assuring minimum wind loading as well as a trim and clean line silhouette against the sky. Its high efficiency coil and capacitor circuit wound on and completely imbedded in the new low loss polypropylene plastic. It is unconditionally guaranteed to be completely impervious to all weather conditions and to withstand 1000 watts AM or 2 KW (PEP). It is a completely solid state integrated assembly which is stronger than the element tubing itself.

3-Element Thunderbird

New Standard Tribander is mechanically and electrically the finest 3-Element trap tribander for 10, 15 and 20M. Unconditionally guaranteed to be better constructed and to outperform any other 3-Band beam regardless of price. Overall boom length 14 ft. Longest element 26 ft. Less than 2 to 1 SWR all bands with no tuning or adjustment. Takes 52 ohm coax line. Quick, easy assembly & installation.

Model TH-3
Wt. 29 lbs.
$89.95

MECHANICAL SUPERIORITY

New and stronger, lighter all aluminum construction of 2" OD booms and 1¼" telescoping to ¾" OD elements. New plastic and steel gusset bracket assemblies. All steel fixtures and hardware "iridite" treated in accordance with military specifications. 100% rustproof. The 4 - Element Thunderbird features massive new formed steel heavily ribbed clamp which attaches boom to mast with positive grip. All element & boom ends plastic capped.

2-Element Thunderbird

Extremely light weight and easy to handle, the 2-Element Thunderbird installs in a matter of minutes almost anywhere, ideal wherever space is a problem. This little beam develops maximum gain possible in a 2-Element Tribander; rotates easily with a TV Rotator. Boom length only 6 ft. Longest element 26 ft. Less than 2 to 1 all bands. Designed for 52 ohm coax line.

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ORLANDO RAMBLINGS

HAL SHEA, W4BKC

THE ORLANDO AMATEUR RADIO CLUB INC., FIELD DAY CHAMPIONS IN 1959 HAVE TO GIVE UP THE TROPHY. Naturally we don't want to read a headline like that, so Wes, K4KRG and his field day committees are hard at work, so it won't happen. Got the site picked out, all the gear assembled, keeping our fingers crossed that it will all work. Cliff W4CFA is chief cook again, with Case W4NGR, spelling him in the culinary department. Jessie W4CLJ has procured Bob, a specialist in the care and feeding of gasoline powered generators, so we shouldn't have any power failures. Case W4NGR has secured the services of the local troop of Boy Scouts for the tent recting detail, many thanks fellas.

All we can say is may the best team win, but the Orlando gang will be in there pitching, trying for win number two. for the Florida Skip trophy.

It is with deep regret that we heard of the passing of Mont L. "Pat" Patterson W4WS, another of the honored Old Timers, who has joined that distinguished group of Amateurs the "Silent Keys". I know that all the Oruando Amateurs extend our sincere sympathy to Mrs. Patterson in her bereavement.

I guess vacation time is officially here, talked Tom, W4EWB and Dot and the young uns out of town on two meters the other morning on their way to Alabama, they'll be gone for two weeks, and be back in time to read this.

Had some visitors on the ten meter net, W9RCP/4 Warren and K9SMJ/4 from Milwaukeeq Wisconsin and Lyman, W3RVC from New Kensington, Pa. gave us a shout also, conditions were really good.

Bill W4JVF (Just Visiting Florida) is the latest member of the two meter net, puts in a good signal with his "Paint can special". His boss lady Phyllis has her call also, W4KNP so we have another ham family in town.

Kinda miss Fritz, K4RUW on ten meters, understand he is working the graveyard shift over at Cape Canaveral, so about the only time he will be on the air will be on weekends.

Saw Henry, W4DWI (Driving While Intoxicated) and his missus downtown the other day. Henry is looking for a low pass filter for his rig, so if anybody has one around he sure would appreciate it, to get rid of the Tennessee Valley Indians.

DAYTONA BEACH AMATEUR RADIO ASSN., INC.

Marge K4RNS

DBARA will operate Club Station K4BV on Field Day from the Tomoka Jungle site on the Tomoka River, Ormond Beach, the same location that has been used for the last several years, K4ESI and W3HLS/4 announced. Original plans for this year's operations were to set up at the Municipal Airport, Ormond Beach but the rules and regulations governing operations made it impractical. K4BV will operate SSB and CW, a sked of operators, Chow committee etc. Will operate 6 & 2 meters for local communication.

K4ESI busy with FD plans for club; had nice picture and thumbnail sketch in local Daytona News Journal as City Policeman.

W3HLS/4 helping K4ESI; after 2 years finally finished 6 meter mobile rig and is on the air; sent for license modification.

W3HNV home from college in time for FD. W4IUR/K4VNA had to cancel plans to attend Atlanta Hamfest — real disappointed!!!! Had a "ball" at St. Pete picnic-Hamfest.

K4KTQ got his General-congrats, had to give up editing GROUNDWAVE club paper, a summer working man now. K4KUO—found correct address —P. O. B. 7214 Daytona B., hope you get to meetings now. You'll be getting your club mail. K4LLF a CW "cracker-jack" for FD.

W4LZT busy helping to get 10 meter gear ready for club's use in emergency communication.

W4MEL—likes to go fishin' with his family on his day off. Anxious to see 10 meter set up in operation. K4OVQ back from vacation to folks.

K4RNM too busy getting ready for college, and working to be assistant on editing GROUNDWAVE. K4SDW — won't be leaving Daytona for Orlando after all — Channel 2's plans.

K4RNR/S also had wonderful time at St. Pete picnic-fest, even tho they got in town too late for Sat. eve festivities. Cudn't find motels and went 12 miles out of way, and windshield wipers wudn't stop! Then wudn't start in shower on way home—! visited W4FE/ANR. W4SDR using his Ranger while Valiant is indisposed, having lots of QRN at his location keeping him off the air at times.

K4UJW weary from entertaining houseguests — a very busy Rotarian, gave demonstration on Ham radio at recent meeting assisted by K4RNR/mobile 6 mtr.

W4TNR/6 Bruce a former member now in Calif., reports he will be on 20 meters soon looking for DBARA members.

Parents are people who bear children, bore teenagers and board newlyweds.

(Basic Blast)

SPECIAL!

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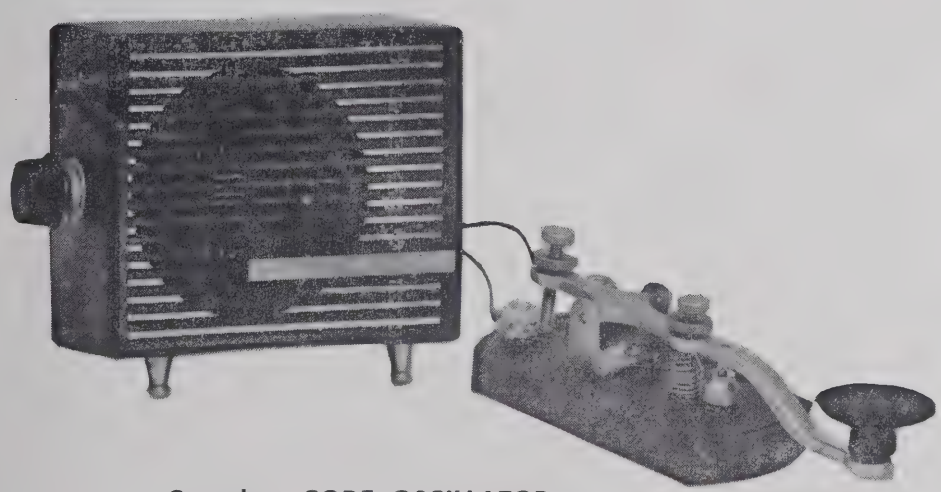

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6 METER SSB IN FLORIDA

Pat Ferro, W4WAQ

What Is SSB?

This is a question often asked the SSB stations. We shall try to give a simplified answer.

First of all, SSB is not a brand new mode of transmission. It was introduced about 40 years ago, but due to lack of commercially available gear for the ham, it was used mostly by the military and commercial companies. Amateur interest was stimulated in the late forties when an article in the G.E. Ham News described the SSB, Junior. This was the prototype of the well known Central Electronic 10A SSB exciter.

Even as late as 1954 we found only a handful of SSB stations on the "upper 10KC (14.290 - 14,300 MC.)" of the 20 meter band. With the introduction of the B & W 5100 transmitter and the B & W 51SB generator, the first compact SSB package was built in VFO. This was further implemented, by the Collins KW-S-1 and conversion kits for the average 100 watt AM transmitters. The SSB ranks began to swell to unbelievable numbers.

This tremendous influx of SSB stations got another shot in the arm with the introduction of the Hallicrafter's 170 Watts HT 32 sideband transmitter. New SSB receivers moved along at about the same pace. Older ones were being equipped with signal slicers, and Q multipliers, and product detectors. By 1958, all amateur frequencies up to 2 meters were getting a goodly share of the sidewinders. The 20 meter band, however, was the most hard pressed for space and as of March 10, 1960, the FCC allocated an additional 50 KC on the 20 meter band for SSB and AM use.

This will give one some idea of the rapid explosion of the SSB stations amongst the AM and CW stations in less than 10 years. All of the big manufacturers have been, for the past 3 years, featuring SSB gear and less of AM.

What accounted for this transition to SSB besides the availability of equipment?

Well, the story you will hear on 20, where most of the old timers in SSB hang out, is about like this:

"Joe, what is this SSB?"

"To tell you the truth Frank, I don't know exactly how it works. I know one of the sidebands is suppressed. That's why they call it single sideband suppressed carrier."

"Oh, I see, Joe, but what I don't understand is how you can transmit without a carrier. I thought the carrier was necessary to convey intelligence."

"Well, Frank, that's what most people think. But you know that if you remove the carrier at the transmitter and reinsert it at the receiver — you accomplish the same thing. In other words, Frank, when you transmit SSB, you suppress either the upper or lower sideband and at the same time you eliminate the carrier because the only thing the carrier does is cause heterodyne interference."

"I don't follow you Joe, will you give me that again?"

"Well, Frank, suppose you take an AM signal — it has three parts, upper sideband, carrier, and lower sideband. Now, if you wish to suppress one sideband and the carrier, you have a single sideband suppressed carrier or SSB. Simple, ain't it?"

"Yeah, Joe, it's simple, but why can't a lot of the boys copy SSB on their receiver?"

"They can, Frank, if they provide some means of adding or inserting some carrier in their receiver when they receive a SSB signal."

"Oh, now I get it. The receiver is adding back the carrier that was left off the sideband signal."

"That's right, Frank."

"But, Joe, what does all this accomplish?"

"Well, Frank, first of all, it cuts the amount of space occupied by you signal in half and on a crowded band — that's a big help. Also, it increases you ERP."

"What's that, Joe?"

"It's Effective Radiated Power. Another thing, SSB has the ability to cut through atmospheric interference and has less selective fading of the signal."

"Joe, if SSB is so good, why did it take so long to get established?"

"Well, Frank, it's like I said, — the equipment was not commercially available at a reasonable price and only a few well versed hams had the real knowledge to build the equipment. Getting back to the receiver, Frank, the reinsertion of the carrier at the receiver can be done in a number of ways in order to copy SSB.

Two of the simplest means is by using the BFO on the receiver, the same as when a CW signal is being copied. The other — A VFO operating at the same freguency as the signal.

Step one in copying SSB on older receivers is to tune in the SSB signal for maximum S meter reading in the AM position. Next, reduce the sensitivity (RF gain) control to approximately half and increase the audio gain.

Step three, turn off AVC and shift the AM - CW switch to CW.

Step four, tune BFO pitch control or VFO very slowly until speech becomes clear.

That's all there is to it. Once this setting has been established, it should not be necessary to reset it for copying other SSB signals. If VFO, receiver, or S-SB is not stable, it may be necessary to retune only the main tuning dial to clear up the signal. Try it on an old receiver. You'll be surprised how well it works."

Oops, my ten minute egg timer (for very hard eggs' ran out of sand. Time for I.D. YZ5AM. This is YZ5SSB.

NOVICE HURRICANE NET

I would like to remind all you guys and dolls about the Novice Hurricane Net.

NHN meets at 0730 Sundays on 3725 kcs under the capable management of Roy Scott, W4UHF, Tampa.

Roy has kept the net in operation for several years through thick and thin.

The net has helped many novices get their generals by helping them to increase their code speed. The net control is rotated so that it's members will learn correct net procedure. It handles traffic and acquires WX reports from its participants. A rag chew usually follows the net.

We need better coverage, so let's get this show on the road.

CU Sunday.

73 - K4BHL
Dale Bragdon, 106 Glenn St.
Ocala, Fla.

HINTS & KINKS

Here are a few extra uses for the popular "reflected power and SWR bridge."

1. Monitor phone or CW by adding a closed circuit jack in place of meter.
2. RF probe added to input, (a coax with two turns of no. 14 insulated wire) makes it good for checking TVI leakage, also field strength indicator.
3. Add an RF amplifier and an ant. and you have a more sensitive field strength meter.
4. Also good for designing ants. and tuning to resonance, antenna with a grid dip meter as a transmitter and the SWR box as receiver.
5. Audio output power can also be checked without making any noise.
6. Checks modulation too — as needle kicks.

73 — K4UGC

OPERATION ALERT 1960

The national civil defense exercise Opal 60 proved to be the most realistic and interesting of all such exercises and gave communications systems a real workout. During the 2½ day period of the drill there were actually 25½ hours of communications operation.

Participation by RACES organizations was in most cases very good. There were some instances of non participation because of local determinations and this did not permit some groups to operate and demonstrate the capability of the radio amateur to provide emergency communications.

Of particular note was the number of operators who participated. In Orange County 22 amateurs participated, and everyone a member of AREC. In Pinellas County, 27 amateurs participated. In Okaloosa County, 31 amateur operators manned the county RACES network facilities. Other counties did not report the number of amateurs who participated, but in Brevard, Palm Beach, Osceola, Lake, Manatee, Escambia, Sarasota, Collier and Marion there was good representation. The Lake County group is to be congratulated on their network, which uses converted commercial FM equipment on 53.4 Mc and which was very effective.

The State RACES network, operating from State Control to Areas, had improved operation this year, but Oh my! What is happening to the CW operators? Is this becoming a lost art? Unfortunately all areas were not able to operate on the network and this did not permit a full evaluation of the system. There were many errors made and many things learned, and that is of course, the basic reason for these drills.

The use of VHF in the 6 meter and 2 meter bands once again proved the effectiveness of these frequencies to handle the communications requirements within the counties but also between counties. Wee need to expand the use of these frequencies to the limit and establish regular operating networks in every county possible. This could add materially to the regular traffic networks operating on the lower frequencies, and relieve some of the congeston so prevalent there.

My thanks to all of you who participated in Opal 60 and congratulations on a job well done.

Arthur R. Melvin W4UHY
State CD Comm. Officer

FLORIDORA YL NEWS

Fran Adams K4PPX

K4ANR - Ruth is working on compiling the new directory. W4BAV-Kathy has gone to YLRL Convention. She is working hard getting the Gulf Area 6 Meter Floridora YL net going. Best of luck to the new net.

W4BIL-Fran was disappointed for not being in new home to entertain some of the Floridoras at the St. Pete Hamfest. W4BWR-Ruth has been checking into net on SSB.

W4CWV-Annette just returned from a visit to Mexico. Bet you will be glad to get rid of the bug. W4HRC-Little Bo just completed a beautiful History of the Floridoras to be included in the new directory.

K4HSC-Meg is in the hills of Ga. and acted as net control several times when 40 meter conditions were bad. W4HYV-Babs is Asst. Director for Mars Florida Dist. No. 1. Their director is sick and Babs has taken over Directing Mars Activities; also is Bible School Director.

K4IRZ-Janis is active on SSB. K4LPV-Irene is a regular check in with a nice signel this way. K4PPX-Fran is the first YL in all VHFdom to receive the SHOM Certificate. K4PVT-LaVelle has moved to West Hwy. and has been heard mobile.

K4RNS-Marge did a FB job of conducting her first business meeting on the air. Marge has been using her new Heathkit Sixer running 5 watts made contact with a Texan. Her daughter and son-in-law K4PEF are visiting the Campbell's. She has gone SSB and did a FB job as net control for the month of May. W4UF-Dot is back in Gainesville and is checking into the net on SSB. Dot is leaving on a round-the-world trip, July 13. Looking forward to news of your trip. She has just worked the South Pole and New Guinea for new SSB countries.

K4FYA-Butch in Dade City wants to work Floridoras. How about it, gals? W4WPD-Shirley is working hard stenciling the new directory and constitution which will be turned over to K4PPX to be mimeographed.

NET NEWS

Wednesdays 0900 Freq: 7225 Lower SB.

The Gulf Area 6 Meter Net is being formed. Contact Kathy W4BAV for info.

The Floridora YL's now have 4 members and 124 Floridora Certificates have been issued.

Sounds like the gals had fun at the St. Pete Hamfest. They enjoyed seeing W4BIL's home by flashlight. Those attending were: W4TDK; W4BAV; W4IUR; W4BIL; W4HRC; W4WPD; K4RNS; and K4QOS. Next Hamfest, gals will be at Daytona Beach Sept. 4. Plan to be there and meet some of the Floridoras

HAPPY BIRTHDAY FLORIDORAS

July: 14 K4SMW — 15 K4LFA — 24 K4GWF — Belated for June 11 W4YJD — 17 K4BDF — 23 W4CWV — 29 K4UIZ . . .

TRAFFIC HOUNDS

Eastern Fla. Section

May 1960

K4SJH	638	W4FE	27
K4QLG	414	W4IYT	26
K4KDN	320	W4CNZ	26
K4LCD	230	K4BOO	25
W4FFF	216	W4BKC	25
K4LCF	214	W4NDJ	20
W4SDR	192	W4BZ	20
K4YOQ	187	W4JTA	18
W4LMT	144	K4TDT	16
K4SLR	137	K4MTP	12
W4GJI	86	K4EHY	12
K4ILB	83	W4LSA	11
K4BY	72	K4JJZ	8
K4RNS	67	W4JRJ	8
K4COO	58	K4IWT	6
K4AX	53	W4LHU	6
K4ODS	52	K4OSQ	5
K4BHL	43	W4GGQ	2
W4HRC	42	K4DAD	2
K4BLM	29	K4LDF	1
April 1960			
K4LCD	263	W4EHW	22
K4EHY	239	K4DAD	5
W4FFF	156		

Section Nets reporting. FMTN-453, QFN-411, FPTN-250, GN-162 and GSSN-18. The GSSN has been dropped due to lack of activity. The GN will continue under the able leadership of K4SJH. Total traffic for month was 3553. Two made BPL. 73 Appointments K4YOQ, EC for Hillsborough County. W4MLR, EC for Monroe County.

John Porter W4KGJ
SCM E. Fla.

West Florida

K4UBR	141
K4CNY/4	536

DX PUBLICATION

SKIP received a copy of "THE DX'ER" from it's editor, Sven Elfving, Solgardsgatan 15, Ornskoldsvik, SWEDEN. THE DX'ER is chucked full of DX notes on European stations (stuff you will never see any place else) and hints on how to get that special QSL, or certificate. It runs about 15 pages and sells for $1.50 a year for 11 issues Sven says. You can send 1 dollar bill and unused 2, 4 or 8 cent (total 50) U. S. postage, will do the job.

WESTERN FLORIDA NEWS

Frank M. Butler, Jr. W4RKH

Pensacola: K4HYL is mobile with a FB signal and listening on a home-built converter. EWG is working mobile on all bands from a new station wagon. Flash: AXP has finally gotten on phone, with a DX-40. RKH was a guest at the May election meeting of the NAS Club. They have a fine club station, W4NBF, and meeting place. New officers are: President — EWG; Vice President — John Frame; Sec'y. —K4BET. A number of Pensacola hams, plus RKH from Ft. Walton, made up a caravan to Mobile, Ala. for the hamfest. Also attending were K4HXV from Crestview and K4MAP & KN4REE from Panama City, among others. New officers of the PARC Auxiliary are: Pres.—Lynn Shartsis; Vice President—Vivian Saucier; Secretary—Sally Dennis; and treasurer — Ann Wiggs.

Gulf Breeze: K4RIV prepared a FB report on ham activity in that area. Among those in Gulf Breeze are K4AEP, W4AJK, K4KSG, K4RIV and K4ZMV.

Fort Walton: K4UBR, RM, is starting a drive to recruit new CW Net members.

Panama City: The PCARC is going all out to make their first Annual Hamfest a big success. Proceeds will go toward building a new clubhouse.

MARS BC NO. 18

The Chief MARS are aware that many technically inclined MARS members have made and are making modifications to excess military equipments. Such modifications which permit the further use of excess equipments on MARS or amateur frequencies are of particular value to MARS members who possess the like excess equipments.

To further the use of these equipments in all areas it is necessary that practical modifications thereto be widely circulated to all interested members.

Action is now being taken at Chief MARS level to dessiminate modification information to all MARS commands. Consequently, any MARS member who has made heretofore unpublished modification is invited to submit it in detail to his Command MARS Director or to Chief MARS Room BE1000 The Pentagon Washington 25, D. C. for further circulation within the MARS program.

Participation credits are allowable for this type of MARS Activity.

LONGLINE DX

For the first time in history you can now telephone to Europe by means of direct transatlantic cable. This new circuit comprises two coaxial submarine type cables, operating west for transmission and east for reception, each circuit equipped with special size vacuum tube repeaters within the cables, and spaced every 44 miles, calculated to perform for 20 years without requiring servicing. This new facility will handle a maximum of 26 simultaneous conversations over the 2,400 nautical miles from Clarenville, Newfoundland to Penmarch, France. The new cable is 64% owned by the A. T. & T. Co., the remainder by the French Ministry of Posts and Telecommunications, and connects into the telephone networks of France, Belgium, the Netherlands, Switzerland and Italy. The cable takes its place along side of 21 existing telegraph cables between Newfoundland and Scotland, all under the waters of the North Atlantic. Deepest point is 15,000 feet. Total cost? A mere $40 million.

(From Larsgram)

CODE PRACTICE

DAILY MON. THRU FRI.

Speeds of 5, 10, 15 and 20 WPM are transmitted for periods of 15 minutes each on 3237 kc and 49.94 mc, from 0100Z to 0200Z.

Code exams at speeds 15 to 40 WPM are transmitted on 5850kc by A4USA every Friday from 8 to 8:30 EST (0100Z-0130Z). It is hoped that many more will avail themselves of this opportunity and receive the certificates for proficiency.

Mail your copy (at least one minute solid copy at any speed) to Radio Station A4USA, Fort McPherson, Ga.

TECH TIP

VIKING II: The Johnson Co. advises that the Viking II can be modified for operation on the 4 and 5 mc MARS frequencies by decreasing the buffer stage inductance. Use one shorted turn of No. 18 or larger insulated wire (no plastic insulation) and place it ¼" below the second tap from the top of the coil (considering the topmost connection of the coil as the top tap). An Illinois member made this modification and found it didn't affect operation on other bands.

—A9HLX (Ill. Mars Net News)

BROWARD COUNTY SIX METER NEWS

By Fran Adams K4PPX

The Broward County gang was really having a ball June 11-12. During the QST Contest, the band was wide open to all over the states, Puerto Rico and VE-land. Many newcomers, and Old Timers too, made new states and met and renewed acquaintances. It was like Old Home Week. W4FNR-Ab and K4PPX-Fran were the only ones in Broward County to participate in the Contest, but her Seneca quit working so she had to bow out. K4RNG - Les, W4LIP - Vic and K4ZEA-Mike, all of Dade County were in the contest until the end, but I do not have their scores, however their scores must have been way up there.

K4SUK-Gary is being heard SSB. K4HIL-Herman says that he is doing more listening now than operating. Looking for those needed states.

W4LPR-Adele has two new Certificates, No. 124 Floridora and her Rag Chewers. She is the new Net Manager for the Floridora 6 Meter Net. Plans to move soon into her new home. OM W4IMZ-Red is back in Jax studying. K4VGD-Jean has been giving the local hams help by properly addressing those misaddressed QSLs.

K4QJP - Val and W4HGT - Pat have a new Volkswagen. Making plans to make it mobile. W4CZP-Clarence still finds time to come down from those lower frequencies and poin us on six. Good for you, Clarence. W4KKV-Brad is heard mobiling each nite on the way home from work, along with W4CZP and K4QJP.

W4NUT-George has gone to NY State by yacht, taking his Seneca, HQ-110 and Halo aboard. Heard him working the bo back here from South Carolin Was he excited! Poor Ar missed him and S.C., Tears.

W4FNR-Ab worked all C during the contest, made 75 co tacts, 27 Sections in six and o half hours. Think that was easy K4QYB-Norm is back from fishing trip in the Bahamas. E caught plenty, so he sez, h K4RCV-Bill is now running Heathkit Sixer and 3 el bea from his store.

K4FIA-Pat has been on mal ing new states and having a bal K4ZPV-Van also has been i there pitching, and catchin K4QQE-Arch is really sweatin trying to find what's wrong wit the new Seneca. K4PPX-Fra has received No. 34 HAWK Ce tificate, still waiting for the Sa Antonio and Houston ones. Sh was the first YL in all VHF-do to get the SHOM wallpaper. G ing to need more walls soon.

K4ACF - Nancy still hasn made Maine, but made loads c contacts trying to. K4IQS-Chuc doesn't get much chance to o erate much with Nancy at th rig. But he does manage to onc in a while. K4JRQ-Ken is usua ly in the lower bands, but doe get on each Monday PM to chec into the BC CD Net. W4LZS-Pa has been heard on since returnin from South America. Welcom back.

K4CRU-Phil has a new 6 & VFO for his Gooney Box an Linear. Going to give the Senec a rest. The Craig family is of fering a W A C (Worked al Craigs). K4JGU-Mildred an W4ETH-Ronnie are the othe members of the family.

W4GGF-Al is on with all home brew, sounds good too. W4FEU Ann is very active, both she an Bandy, K4CZW check into th Confused Early Bird Net eac morning. Have a new HRO an VHF-152 now.

The BC CD mobile units helpe in the recent simulated resc mission into the Glades. K4QY operated W4AB as net contro W4KKV, W4CZP operated th mobiles, K4RCV acted as auxil iary from home.

"Pablo" Is Back !

Paul K. Kline, W4LQN at Electronic Supply, Miami

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SKIP ADVERTISERS

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Tip Curran, W4GJI

This past month has been a dilly and I feel sure that to go into it in print would be a little more than rhetorical redundancy. However, in spite of the facts that at times the net controls could have had a heydey running a Texas net while they couldn't hear their own stations and the unusual skip caused a kaleidescopic array of stations that could and could not copy each other which, after a period of time, began to result in a series of breaking stations asking if they could be heard by anyone while others were trying to handle traffic which did little for the decor of the net per se, we did somehow accomplish the ultimate with somewhat surprising success.

It is interesting to note that frequently it happened that LCD was good copy to all on SSB though she was often stating that she couldn't hear anyone. Perhaps if the others had been on SSB also she might have copied?

To add to all this the early summer electrical storms have been in the mood to start cracking around at noon these days instead of courteously waiting until late afternoon to clobber the FPTN as they should. Ah, me!

Last month there was a fine picture of W4WSJ on the front page of Skip and he now has the Amateur Radio Center open for business. At least we placed and received delivery of an order in prompt manner recently. We in S. Florida sure can use a real ham equipment house, so Good Luck, Wiley!

For the info of the growing group of members who have acquired HT37s et al we would like to mention that a number of us have been looking for a medium power, lightweight moderate priced linear. We found that P & H had one in QST and we were elected to guinea pig the job. Mirabile dictu it works out just fine on all bands both SSB and AM, tunes like a dream and apparently does deliver a clean TVI-free signal. On SSB it is really remarkable and W4KTN can tell you what it will do for the Ranger, Viking class of gear. We recommend the 837s for SSB, but the 1625s at 5 for 99 cents might appeal for AM. It is a nice looking compact package at 40 pounds.

Since the Orlando affair it seems that our crowd is somewhat subdued and settling down to the quiet heat of the coming summer. Marion has departed and John is leaving for a long tour of duty in Karachi. We shall miss him for many reasons for he is a swell traffic man, a fine net control and a good guy.

The boss went away to Georgia but was copied reporting in mobile several times. Now that he is back he will have to buckle down and scrounge around for net controls. The going has been rough on BY with low power and Mac and Herb have really built up some relay counts at times. However, when the chips were really down this has been solved from time to time by Cholly Whisky which has given the net a little code practice. Jim's got a right nice fist at that.

We seldom hear George up in Albany and hope that the audio trouble he was having didn't get him down.

Dear fellows, let us hope that the propagation in the coming weeks will show a vast improvement. May averages: QNI 18.6; QTC 17.4.

May your tubes run cool!

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FLORIDA SIDEBANDS

In last April's issue we told you of a new organization which was being formed in the state which had drawn a charter and started to function as a group of sidebanders interested in congenial fellowship on the air and the promotion of good and proper use of sideband emission and the improvement mutually of the signal technique.

During the ensuing months the officers have worked hard to get the ball rolling and the membership has responded in wonderful fashion so that today this outfit is a going concern with a membership of over 50 and a record that shows better than 50% attendance at meetings. The charter membership has long since closed, but any and all are welcome to call in and if present ten consecutive times may become certificate members with voting privileges.

The organization meets each Sunday at 1700 hours on 3940 kilocycles and after the regular callup there is a standby for any new stations who may wish to become associated. Last Sunday was the 15th meeting and in accordance with the charter it was election day. Jim Buzbee, K4QNX of Tampa, was elected President; Tony Litschauer, W4JQ/ACZ of West Palm Beach, Vice President and Treasurer; Vance Vogel, W4OVE of Gibsonton, Secretary. These officers will take over the first Sunday in July for a six month's term.

For those who are interested we will say that the business is carried on under Roberts Rules, there is a weekly bulletin, a program and any QNC that is of interest to the group. New business is discussed and a vote may be called at any time. After the business session the meeting is open to Vox chatter with a station designated as ident.

W4CNZ has brought up the matter of forming a SSB traffic net from a nucleus of the membership. Although the charter prohibits traffic at meetings it is felt that serious consideration should be given to this.

During the past year an organization formed in New York called the SSBARA or SSB Amateur Radio Association has grown nationally by leaps and bounds. They publish the Sidebander which is one of the best of its type in the field today and deals with SSB news, splatter and technical info in a most interesting fashion. Incidentally, for those who are not aware, our W4KTN writes the technical notes for this magazine. Our membership voted to become the Florida Chapter of this organization and this is now in process, although it is understood that according to our Charter we can and will in no way be beholden to them beyond representing them in this State.

By the August issue the new President will have appointed a new Public Relations officer and this column will be turned over to him. So thanks for listening and so long. May we suggest that you might find the comments on the P & H LA4000 linear amplifier in the FMTN column this issue of interest. It is a real dilly if you only need a little extra punch. May your tubes run cool!

FLORIDORA YL 6 METER

By Fran Adams K4PPX

Congrats to W4LPR-Adele for being our new net manager on 6. Adele puts out a FB signal with her G50. Adele is getting ready to move into new QTH. W4HGT-Pat is now sporting a new Volkswagen; K4CXD-Johnnie hasn't checked into the net lately due to her OM Dave was in the hospital. Hope Dave is well again. K4ACF-Nancy sure has been active with these band openings. K4IJM-Maureen where are you? The fellows need your contact.

W4FEU-Ann has been checking into the net. Ann is our newest Floridora. K4PPX-Fran will have her new Seneca on the air by the time this news goes to press. Hope to have loads of fun. We are now waiting for K4RCX-Jeri to join our net. She passed her GENERAL, gals.

K4ANR-Ruth net control for the Central Floridora 6 meter reports no new news for she had her troubles with her receiver but reports in FB shape and will have news next month.

We are waiting to hear from W4BAV for she is the new net control for a brand new 6 meter net in Gulf Coast area. What do you say Kathy?

ARRL OB 756

During the next few months FCC Field Offices will adopt new amateur exam procedure with separate answer sheet. Applicant will black in appropriate square to show his choice on the answer sheet which can then be mechanically graded. Diagram questions will become multiple choice also.

SILENT CARRIER

It is with deep regret we report the passing of the Editor of YASME NEWS, Mr. Ed Stanley, W4QDZ, of Tampa, Florida, on June 19th. He was taken to his hometwon of Owensboro, Ky., for burial.

Ed, one of the spark plugs of the YASME Foundation, worked long and hard on the YASME NEWS and getting the Foundation started. It will be hard to replace him in this important job. E, also served as ARRL Emergency Coordinator for Hillsborough County.

He helped get the AREC nets going on 6 and 10 meters. In all, Ed worked hard for amateur radio. He will be sadly missed by his many friends.

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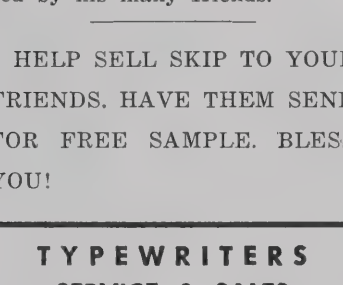

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W4ZPO — DICK

S.W.R. BRIDGE VS. THE XYL'S ELECTRIC IRON

By Dick Adcock, W4GL

(Editor's note: We are honored to have such an authority on antennas as Dick Adcock W4GL write an article for SKIP. He said he'll have another one on mobile whips at a later date. You'd better read the following over twice. Dick brings out many good points).

For the purpose intended, the S.W.R. Bridge is an excellent item to have around, but the random conclusions being arrived at from the readings of these bridges leaves one a little weary.

The S,.W.R. Bridge was designed as a Monitor unit, it only knows the condition existing at the point of insertion in the line, AND it does not have the ability to discriminate between a complex impedance (resistance and reactance) and a pure resistance.

The XYL's electric iron probably has a rating of something like 660 watts (at 115 volts AC) although not exactly accurate, but we assume that the current would be a shade under 6 Amperes if we neglect the reactive component and assume pure resistance. This says 660 Watts divided by 6 amps at 115 volts equals 19.1 OHMS. Now dig up a healthy capacity that is adjustable (something like you use in the output of the PI-Net Circuit), hook this condenser in series with the cord to the lectric iron and connect to the output side of your S.W.R. Bridge. Now fire up and calibrate. By careful tuning of the condenser (if sufficient capacity), you will find a point where the S.W.R. is one to one, or zero. Now try and work the guy in the next block with this perfect match. From what we know, we have good reason to suspicion that the pure resistance is something near 20 OHMs but our Bridge says 52 OHMs on the button, or whatever it is calibrated for. This is just a home demonstration of a complex impedence consisting of something like 20 OHMs of resistance in series with a reactive component equaling 52 OHMs of complex impedance and the Bridge can't tell the difference. There are numerous combinations of resistance and reactance that will equal 52 OHMs. (If you disagree, try two irons in series with the condenser and you will find by adjustment of the condenser, you can still get zero S.W.R.)

Now, how's your Antenna?

If you put the S.W.R. Bridge right at the Antenna terminals and don't louse up things doing it, you will read the complex impedance load (rarely pure resistance and true S.W.R.) This ain't practical, so hook the transmission line to the Antenna, and get down on solid ground and have another look. Chances 99 to nothing it won't read the same. The only time it will read the same is when the Antenna looks like a pure resistance of 52 OHMS, or when the line is an exact electrical (Not mechanical), ½ wave, or multiple of half waves, long. (22 feet, 10 inches for 14,300 K.C.) etc. So, unless the pure resistance exists at the Antenna terminals, the poor Bridge is now loused up with another factor — the line.

A transmission line is only flat when terminated with a pure resistance equal to its surge impedance) (52 etc. OHMS).

— AND —

a flat line is flat, regardless of its length.

— SO —

If you really want to know what goes, get yourself a true half wave of line (or multiple) and then your Bridge will see what is truly at the other end (Antenna).

— REMEMBER —

A true half wave of line repeats what is on the other end.

— AND —

a true quarter wave of line inverts, what is on the other end.

Now that you are on the other end of the ½ wave line and the Bridge may read 1 to 1, or zero S.W.R. you are not out of the woods because you don't know, and neither does the Bridge, that you are looking at a pure resistance or some combination of resistance and reactance that combines to look like 52 OHMS an expense R. F. Bridge (G. R 916A, etc) will tell you right of but they are hard to come by The simple way for the average ham to get unhappy in a hurry is to ADD a ¼ wave of line between the S.W.R. Bridge and the existing ½ wave line and have another look. The ¼ wave inverts, so if you have a complex impedance for a load, the S.W.R will sure read different. If you read the same after adding the ¼ wave, you have got it made and as long as you leave this mess aline, the S.W.R. meter is a monitor and tells the truth.

QFN
FLORIDA CW NET

No wthat we have started into the summer months, the QFN gang will get a real test seeing how well they can battle the somewhat high noise level, and lower traffic count. Things look pretty good tho, and if they continue on their present course, we will have a very successful summer.

The month of May saw a total of 411 QTC in 31 sessions, 319 QNI with 35 different stations contributing. Tops in QNI for May was OM Herb - K4KDN, with Lee - W4ATA running a somewhat close second.

Things can always be improved, and the QFN is no exception. At the present time, we lack regular members in quite a few of the largely populated Florida cities. Orlando, Jacksonville, Tampa, Palm Beach, just to name a few. We invite anyone anywhere to drop in at 3650 kcs. at 1730 CST/1830 EST —7 days a week.

Congrats to Art — K4GBS, on his newly acquired BPL Medallion. Jerry — K4UBR, is up North on a short vacation and will return in July. John — W4SRK, is working on a complete Gulf Coast Hurricane weather Net to extend from Key West to Brownsville, Texas, and to provide weather information in event of the loss of regular communications links. Yours truly was also fortunate enough to receive the BPL Medallion along with a CP30 sticker, Ranger and new Homebrew keyer. (As you see, I haven't been idle. HI!

If anyone has any questions concerning QFN come and QNI or drop a line with your questions to Lee Garris — W4ATA, 416 Northeast 2nd Ave., Gainesville, Florida. Until next month—

73, Don—K4FMA

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HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any item listed in this column.

This column is FREE to any Licensed Radio Amateur. There is no limit to the number of items an individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

CLASSIFIED and COMMERCIAL ADVERTISING RATES:

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An Advertising inch is measured 7/8" vertically on one column, i.e., 1 Columns — 40 column inches to page. Rate card by column inch supplied upon request. FLORIDA SKIP Inc., Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Viking Challenger and International xtal FCV-2 six meter converter with cabinet (7mc-11mc. ec) Both pieces factory wired and approx 6 months old. $110.00 takes all. Bob Holley K4CEZ, Box 675, Tarpon Springs, Fla.

TRADE: 6.1kc filter (75A4 type) for 500 cycle filter. FOR SALE: Plate Xfmr 3200 or 3600 v.c.t. at 500 ma. and 5/25 henry 500 ma. swinging choke. Both for $35.00. Also Triad 17A xfmr, 2880 v.c.t. at 300 ma. and Triad C33A swinging choke, 5/25 henries at 300 ma, both $25.00. Triad C39A swinging choke 5/25 henries at 200 ma. $14.00. All above small enough for table top linears and have new windings. Jess Price W4CLJ, 11 Gunby Ave., Orlando. GA 5 7251.

FOR SALE: C.W. Xmtr, PR 809's in final, like new, all transformers and chokes made by thordarson. $50.00. Plate transformer 3000 v.a.c. at 300 ma. $20.00. 2 —2.1 to 3 mc xmtrs 5.00. 1 - 4 to 5 mc xmtr $5.00. 811A's 3.50 each 829B, $2.50 each 807's or 933's $1.25 each. G. H. George W4PJU, Box 1253, Clewiston, Fla.

WANTED: All amateurs to read details about big JOCO VII in next issue.

WANTED: Diagram on Navy Model RBD receiver. Urgently needed to get on air. Will buy or return. Roland Lizotte K4CET, 817 E. 39th Pl., Hialeah OX 1-1164.

FOR SALE: Hallicrafters SX-99 receiver with power receptacle. $105.00. Hallicrafters R-46B speaker. $7.50. Heath Q-Multiplier $9.00. Cash, and you pay freight. Bee Walton, K4JLD, 5175 Lake Howell Rd. Winter Park. MI 4-3198.

WANTED: JOHNSON matchbox. Al Bubeck K3FNM, 3002 St. Vincent St., Norristown, Pa.

WANTED: FM receiver for 33 to 44 Mc 115 V. a.c. Charles Stouth W3ZPP, 261 Prince Frederick Road, King of Prussia, Penna.

WANTED: 1500 volt power supply or transformer and choke to build same. Russ Purks K4BCN, 8481 S.W. 32nd Terr., Miami. CA 1-0285.

FOR SALE: COLLINS 75A2. Excellent condition. Modulation xfmr for 100 watts. UTC. Grounded Grid Linear for 20A. Write for prices and list of many articles. Ed Vernier W4HTH, 6935 - 9th Ave., North, St. Petersburg.

WANTED: 300 feet RG17A/U or RG14A/U low loss 52 ohm coax cable. Telrex R-200S or 500-RIS or any extra heavy duty rotator. 1.2-1.5 Kw modulation Xfmr. Please state lowest price and condition. All letters will be answered. Sidney Lippman K3CJY, 1208 Linden St., Cheswick, Pa.

FOR SALE: 10 meter Gotham beam with gama match. $10.00. RME speech Clipper $12.00. Stan Offenhutter K4BLM, 250 S.W. 45th Ave., Miami 44, Fla. Good condition on all.

WANTED: KWM-1 and mobile power supply. Millen or B&W grid dip oscillator. Earl Carter W4YHW, 910 Oriole Dr., Miami Springs 66, Fla. Phone TU 7-4001.

FOR SALE: Hy-Gain Thunderbird, 4 element trap tri-band beam model TH4. Never been opened. $100.00. Mike Thursby K4ZEA, 2949 SW 14th St., Miami. Phone HI 6-6349.

WANTED: BC-348 Q, R. S. T etc or BC-312. Preferably converted to 110 v.a.c. Must be in good shape. William Roy Breen W4EDH, 7215 - 8th Ave., N.W., Bradenton, Fla.

FOR SALE: DX-40, factory wired, new condition, cost of kit plus freight and tax. $75.00. W. F. Franklin W4KC, 435 N.W. 7th St., Homestead, Fla.

WANTED: Gonset G-66B receiver and G-77 transmitter, preferably without either power supply. State price. Heathkits assembled reasonable. George Moule, W4HYO, 2951 N.W. 161st Terrace, Opa-Locka, Fla. Phone NA 1-0225.

FOR SALE: Good Super-Pro receiver, power supply, and speaker $75. WANT, good Millen Grid dip meter, Millen Antenna Bridge and CDR Ham Rotator. Write Bates, W4SK, Box 554 Eau Gallie, Fla.

FOR SALE: 1 KW SSB Liniar Amplifier, pair 4-125 in grounded grid, 2700v (1.75kva) Supply, 115 or 220v primary. Completely contained in professional 27" cabinet designed for pedestal end of operating desk. Any 100 w rig will drive it to a full KW. OB Partridge, W4BWP, 1436 N.W. Ter., Miami, OX 1-1794. Oh yes, $150. and it's yours, FOB Miami.

Clearance Sale: 610A Hickok Signal Generator for TV alignment, regular $219. One left, $150 cash. Hickok Model 690 Marker Generator for TV VHF/UHF, reg $237, special $165. Radio City Products No. 657 Multimeter with 62 ranges, regular $100, special No. 65. At these prices, FOB Miami. plus sales tax. ELECTRONIC EQUIPMENT CO., 2701 N.W. 42nd Avenue, NE 5-0421, Miami 42, Fla.

AIRCRAFT RADIO Service: HF, VHF, ADF, Omni & VOR facilities for the Hobby Flyer. See our KING VHF installations. SANDY'S RADIO SERVICE, Bradenton-Sarasota Airport (J&J Hangar) Sarasota, Fla.

FOR SALE: Factory wired Valiant, 7 months old, in perfect condition $350.00. NC-300 like new $250.00, also many extras. Bill Costello, K4PAE, 861 Hialeah Drive, Hialeah, Fla. TU 7-5390.

FOR SALE: National SW-54 and QF-1 "Q" Multiplier. Gonset 10-20-75 mobile converter. 3 to 6 mc ARC-5, converted for mobile operation with 12 v. dynamotor. 4-5.3 mc command xmtr. Filament xfmr 115 v pri. 6.3 - 5A., 6.3-8A, 5V 3A. 6.3-6A 2.5V 1.75A. No reasonable offer refused. All equipment in good to excellent condition. Eugene Zeak Jr., K4UPI, General Delivery, Tarpon Springs. Fla.

FOR SALE: APACHE transmitter, Hammerlund HQ-170, 45 foot E-Z Way tower, 3 element Tri-band beam, Rotor, Mike etc. Write for terms. Howard Davis K4ZOA, 601 N.W. 16th Ave., Miami 35, Fla. FR 4-0000.

FOR SALE: Central Electronics 20-A and 458 VFO 160 to 15 (QT-1 $170.00. Central Electronics 600-L amplifier. $360.00. Collins 75A3, calibrator, 3 and 6 kc filters with product detector, speaker, excellent. $375.00. Astatic 10-C push to talk stand $27.50. 40 meter 2 element beam re-modeled Mosely to bring weight down, excellent shape. $40.00. AC power supply for LM, BC221 freq meters and matching cables, also for RBM surplus receivers. $25.00. 6146's all good (10 $1.25 each. RBM 200-2000 kc rcvr less power. $20.00. 3 element Telerex 53 20 meter beam. $25.00. Johnson Low pass filter $7.50. Dow coax relay 110 v.a.c. double male plug. $8.50. Dow-coax T-R switch. $8.50. 2 TCS rcvrs and xmtrs, complete each $10.00; 811's (5 all good $3.00 each. Misc meters, relays, etc. Write for list. Heath impedance bridge $7.50. RG8-U (200 feet) at .07c per foot. B&W Coax rotor switch. $5.50. Must sell, discontinuing operations for indefinite period. All FOB with check. H. G. Anderson W4IDK, 1812 Medowbrook, Lakeland, Fla.

WANTED: Turn your government surplus radio equipment into cash. Need certain types of clean, unmodified receivers, transmitters, control boxes, aircraft-marine radio, radar, microwave, laboratory test equipment with TS and UPM prefixes, Microvolt R.F. and audio signal generators, PE-206 800 cycle inverters, new unused tubes, 811A, 813, 866A, 304TL, 45TH, etc., Tech Manuals. Send full details. Bill Slep Company, Drawer 178, Ellenton, Florida.

HAMBARS

FOR SALE: SB-10 $70.00. Apache TX-1 $235, 110 VAC Elmac power supply with push to talk and connecting cables $25.00. Elmac transformer 12 V. Pri. 500 V. Sec. $3.00. Tape recorder $50.00. Eico 566 voltmeter $8.00. Fone patch $10.00. Will also sell complete station ready to go on air. Collins 75A1 receiver, SB-10 and TX-1 Apache, Jones Micromath, fone patch, Johnson low pass filter, antenna relay, DB-22 preselector, Hy-Gain tri-band beam, 40 ft. crank up tower, TR 4 Rotator, bug and all connecting coax, crystal calibrator. $875.00. Russ K4BCN, 8481 SW 32nd Terr. Miami, Fla. CA 1-0285.

WANTED: More HAMBAR ads. If the XYL is tired of kickin' your equipment around, why not sell it and take her out to dinner? F. S. BOX 501, Miami Springs 66.

WANTED: Amateur in Miami Springs, Hialeah or Greater Miami area to take over as FLORIDA SKIP's circulation Manager. For details call TU 8-3874. The Editor.

FOR SALE: Heath "Q" Multiplier. $6.00. Preamplifier for 10, 15 and 20. $7.00. Vibroplex bug $2.50. ARC-5 forty meters with power supply $9.00. BC-221 Frequency meter with power supply $16.00. Dynamotor 13 volts in, 400 v. 130 ma. out. $3.00. 3 stage Sig Corps interphone amplifier $1.50. RCA 11 inch PM speaker in carrying case $10.00. Complete portable xmtr and rcvr in cabinet for 75 and 40 meters with power supplies and speaker. $40.00. 2 meter converter as is. $5.00. ARC-5 xmtr 2.1 to 3 excellent $4.00. Main line 150 ohm telegraph relay $1.50. 5BF1 scope tube with shield $1.50. 40 watt thordarson CHT plug in jack multimatch terminal board modulation xfmr $8.00. Paul Southworth W4SGY, 739 Lakehurst St., Lakeland, Fla.

FOR SALE: 10-B, SX-101, KW 813 linear ABL, power supply, VFO, Cabinet with rollers and door. $620.00. Bug $12.00. 2 — TG telegraph keyers $5.00 each. 813, $5.00 each 2 — 4-150 $5.00 each. Aircraft receiver 2.1 to 6 mc. $5.00 each. 2 — Vibrator power supplies $5.00. 1630 V c.t. & 350 ma. $26.00. Other gear. Ed Kammerer K4HCD, 18100 N.W. 51st Pl., Opa Locka, Fla. Phone NA 4-1945.

WANTED: Net manager for the GATOR SLOW SPEED NET which used to meet Monday thru Saturday at 1000 on 7115kc. With school out there are many younger amateurs looking for a slow speed c.w. net. Can anyone take over as net manager? Advise Route Manager, Al Hamel K4SJH, 1300 NE 42nd Ave., Pompano Beach, Fla.

FOR SALE: Johnson Viking Kilowatt Amplifier with desk in like new condition and working perfect. M. A. Stoner W4BJI, 628 W. Park St., Lakeland, Fla., MU 6-4067.

WANTED: ALL FIELD DAY SCORES! MUST HAVE THEM BEFORE JULY 15TH! SEND ANY PICTURES YOU MAY HAVE TOO. LET'S SEE WHO WINS THE FLORIDA SKIP F. D. TROPHY FOR 1960. SKIPPER, Box 501, Miami Springs 66, Fla.

ARRL S.E. DIV. CONVENTION

The Southeastern ARRL Division Convention, sponsored by the Atlanta Radio Club, Inc. and the Confederate Signal Corps, Inc., held in Atlanta June 4th and 5th was GREAT! The last such convention was held in St. Petersburg in about 1953. Next year's convention will probably be in Orlando.

An estimated 2000 were present to collect dozens of excellent prizes; to attend net meetings, see movies, MARS gabfest, ARRL meetings, mobile inspections, lost xmtr hunts, visit to wholesalers, eyeball QSO's, eating, swimming, Woulf Honging, visiting ham shacks and in general having a wonderful time!

A few Florida Amateurs were seen walking away with prizes. W4FE, Art and his XYL Ruth, K4ANR of Howey-in-the-Hills did real well on loot.

K4OY, Jr. Op. and XYL, Western Florida SCM, Frank Butler W4RKH, Marvin Kaniss W4WPF and XYL Lois, W4FE and K4ANR and ye editor enjoyed the main dinner and excellent talk by ARRL Southwestern Division Director, Ray Meyers, W6MLZ. Ray kept everyone rolling in the aisles with his true story on his Nautilus I trip to the North Pole.

Ye editor would like to thank S. E. Director Bubber Born, W4ZD and the convention committee for all their kindness extended to me while at the convention! Our hats off to ARC and CSC fo ra wonderful ARRL Convention!

UNITED TRUNK LINE

According to UTL manager and Va. SCM W4QDY, UTL has shifted from 3565kc to 7050kc for the summer months. He warns the use of 7080 kc during net times, 2100 and 2230 EST, as W1AW has schedules at those times.

Florida traffic men are urged to QNI when possible.

DX IN FLORIDA

By C. J. Bolvin, W4LVV

Conditions terrible? Bands dead? No DX? Brother, you just haven't been "on the ball"! The latter part of May and the first two weeks of June produced about the finest crop of rare DX in over a year. HK0AA, Danny and the Yasme crew on Baja Nuevo, gave practically every active DXer a new country. QSL to KV4AA, with SASE. Don't get upset if your qsl comes back rubber stamped to confirm the qso — it's good as gold for DXCC. YASME Foundation members should receive a "regular" qsl. If you aren't satisfied with the "rubber stamp" confirmation, Foundation membership is five bucks a year and W4LVV will be glad to QSP your contribution! Danny will try for Malpelo on his way to the Marquesas. Lt's hope he has better luck than the HK0TU gang. The three very tired W4CVI, W6HAW, and W9DUB of HK0TU were met at Miami airport, at midnight, by W4LDF, KN4WML and W4LVV for a short but interesting eyeball qso. It might be appropriate to mention here that W4LVV now has local QRM from the "Wacky Miami Lassie", Janet, the teenage junior op.

A quick QSL return from 15TUF brought K4DRO over the century mark on fone. W4LRA, QSL manager for VP2KD, also added 15TUF, HK0AI, FG7 and LX to his list of new ones. K4SXO, QSL manager for VP2ML, found CR9AH, FB8XX, FB8CJ, FR7ZD, HC8GI, VS9MB, ST2AR and, FINALLY, PJ2ME (!) as new ones. 14 fone & cw, and 21 fone were the bands used. W4AZK goes up to 277/253 with new one FR7ZD—14 cw. FR7ZD has had good CW and AM fone sigs in Miami around 1200 GMT. W4BWP is over the two century mark with 207/205 and HK0AA made it 276/276 for W4LVV. K4CTU arrived home from UF anr promptly blew a power supply choke. W4LQN, now back in Miami dispensing pearls of DX wisdom along with the gear to work it, at Electronic Supply, has a new beam but needs an experienced telephone pole climber to put it on his 50 foot stick. Up the street at Amateur Radio Center, Wiley, W4WSJ, wonders if he will ever have time for DXing again as he gets the new shop under way. K4YWZ is over the hundred mark confirmed and swears he will catch up with K4YCW while John is away for the summer. Florida DX Club completes its first year with new members W4GOG, W4FVR, W4CKB, and W4LQN bringing the total membership to 31. The Sunday 1500 GMT net has moved to 7215 to escape qrm. All Florida DXers are welcome to report in, or to "read the mail" if you have no 40 meter rig. The latest word on rare dx is exchanged by members at this time.

73 & DX, Chuck

PHOTOSTATS OF LICENSES

It is permissible to reproduce by photostatic process the amateur radio operator and station license. (At one time these were two separate documents, and it was not permissible to reproduce the operator authorization.) A Photostatic copy is not legal authority for the "operator aspect" since the original operator license must always be in an operator's possession according to FCC Rules. However, photostatic copy can be used as statio nauthorization — for example, in a mobile. Copying is permitted, per sec. 12.25 of FCC's amateur rules. This provision can be quoted to any firm questioning the propriety of making a copy: "No recognition shall be accorded to any photocopy of an amateur operator license; however, nothing in this section shall be construed to prohibit the photocopying for other purposes of any amateur radio operator license."

(ARRL Club Bulletin)

HOW TO GET 240 VOLTS FROM YOUR PU-58

By A4RRH, N.C. 1

Several of my MARS members were fortunate enough to receive the Pu-58 generator. It delivers 120 volts AC at the "Trouble Light" Outlet, and 120 volts AC at the Output terminal marked 240 volts AC and 120 volts, etc.

To get the generator to deliver 240 volts, make the following changes on the terminal inside the panel. Remove the 2 screws at the top of the panel; the panel will hinge down. In the lower left hand corner look for a terminal strip with numbers 20, 21, 22 and 23 on them. You will find 20 and 21 connected together, and 22 and 23 connected together. Remove these shorting bars. Now place one shorting bar across terminals 21 and 22. Replace the wiring as originally wired. You now have 240 volts across the two outside terminals on the output and 120 volts from either side to the center tap. No other changes are necessary.

(3rd Army Bulletin.)

THE HIALEAH AMATEUR RADIO CLUB

The Hialeah Amateur Radio Club, (W4MRC) has been having special attractions quite regularly. We had a family night to acquaint our wives (and one husband) with each other, our members, our club facilities, and ham radio. All of the 53 people who turned out agreed that it was a big success . . . there was ample food, thanks to the planning committee, Irene SWL (the only female member of the club), Jack Duley, K4VGG, Jim Culvahouse, K4SCS, Curt Earnest, K4ZDV, and the cooperation of all the club members. The adults watched movies showing the hams' part in Civil Defense, arranged for by Chauncey Barnes, K4DZP. Everyone had such a good time we plan to repeat family night occasionally.

Civil Defense was also the theme of our most recent meeting, at which Col. Glenn Koenig, Chief of Civil Defense for Dade County, and Lt. Thomas Norton, his assistant, gave us a general picture of the assistance that qualified amateur radio operators can give to Civil Defense in time of disaster. A movie, "A Day Called X" showed details of Portland, Oregon's Civil Defense planning and an evacuation drill. It was very interesting and most instructive to learn how another large city has made its plans and carried them out. "Bob" Watson, W4DTV, C.D. Coordinator of Communications and Dade Coiunty C.D. Radio Officer, followed with more specific details as to how our hams fit into the Dade County C.D. planning.

The HARC is presently supporting the Civil Defense zone 3 Radio Station which includes not only Hialeah, but most of North Dade County, (see PIX in June SKIP). Lt. David Maynard of the Hialeah Police Department is Zone 3 Commander, Lawrence Algeo, K4AHW is RACES R.O. assisted by Ivan Steinhour, W4ZYK and Thorton Smith, W4HZG. In the event of disaster, it is estimated that approximately 35 mobile and portable radio stations would be available in the area covered by zone 3.

Other Clubs represented at the meeting were the Dade Radio Club, as well as those of Miami Springs and South Miami. Also present was William Patterson, K4HSW, NCS of Dade Emergency Net on 6 Meters.

Following the lecture and discussion period, the members of the Hialeah Club reassembled in the back yard patio of Jack Duley, K4VGG for a send off party for one of our younger members, Dick Arnold, W4MVS, who joined the Air Force.

Several club members have been diligently building 6 and 2 meter converters under the capable direction of our project Chairman Chauncey K4DZP. "Smitty" W4HZG fired up his completed converter a couple of weeks ago. Hope the rest of us will be as fortunate.

Present planning includes Club participation in Field Day, 25, 26 June. In last year's Field Day, the Hialeah Club was in the top one-third in its competitive class.

FLORIDORA NOVICE NEWS

Fran Adams K4PPX

A new and very sweet voice i now being heard calling CQ o the fone bands. It's the voice o K4UFQ-Ruby, in Inverness Ruby is still being heard check ing into novice net. Her best D as a novice was England. Bes wishes for a speedy recovery t KN4TBG-Kay. She expresse thanks for all the cards an hopes to skip a trip to the hos pital.

KN4JZX-Joan will be net con trol fo rthe Floridora YL novic net for the month of June. Eacl gal will have her turn eacl month.

KN4JZX-Joan has been con ducting a code class for the fiftl grade in Ft. Pierce. The cours was so successful she has bee requested to teach code classe next year. One surprising out come of the code classes is th fifth grade teacher, Marion Blackmer, who requested Joan t come in and teach her pupil code once a week became so in terested in ham radio that she i going to take the novice exan this summer.

Interesting DX:

KN4JZX worked DL1HU PA0ZV; Joan operates an Eic 720 and SX-100 with 3 ele 1 Beam.

KN4RDX had her second contact with KZBBN, Byrl, a minister in Christobal, Canal Zone. Anne operates a DX40 and HQ 170 with multiband doublet. Anne is the novice reporter and my tnx goes to her for the help she has been to me in writing this column.

Haven't heard of too many XYLs shocked by the big-money quiz shows being rigged. They have known all along that big money usually means some kind of rig.

* * *

FLORIDA SKIP

A Non-Profit Organization

VOL. 4 — No. 3 | The All Florida Radio Amateur's Publication | AUGUST, 1960

Dear Gladys,

Just had to write to tell you about my idea for Field Day. You know, in the past several years I have thought the emergencies that took place must be unusual. After this last one I've about decided that all Field Days are like ours. Twenty-four hours of small injuries, annoyances and calamities.

It should make us all respect those poor pioneer women. On second thought, a Comanche warrior can't be any worse than a mad ham. Gladys, as sure as I'm sitting here, he DID NOT tell me to bring his soldering gun.

But as I started to say, I think it's time we girls got better organized for all future Field Days. We ought to gather hints and suggestions from each other to make it easier for ourselves instead of floundering around in the brush like we do.

For instance, I've found a fly-swatter is an absolute necessity. Bug bombs make the coffee taste funny. And there is nothing like a fast fly-swatter to bring order among the harmonics. Also, I make sure to keep a small, clean spoon handy to fish the bugs out of the coffee as I fill the cups. You girls on the night shift can use any old spoon. Or forget the whole idea. The little nicities disappear around midnight.

We ought to have a special First-Aid book for us XYLs to use, too. We could have a chapter on how to treat bites from red ants, chiggers, wasps, tired

(QSY To Back Page)

Hurricanes Take Skip Field Day Trophy

Before the dust even settled and while the beams and doublets were coming down, many clubs all over the country were making plans for next years' Field Day.

All reports received by deadline time here at Florida Skip are included in this report. It appears all scores are up over last year, except for a few. Conditions were better and the weather was mild in most sections of the state.

On July 14th this column has finished and the following typed." Once again the Orlando Radio Club Inc., (W4PLB) walked off with the FLORIDA SKIP

(QSY To Back Page)

Here is Florida's own Mr. Bob Hope, W4GWF, 4036 Winchester Lane, West Palm Beach, Emergency Coordinator (ARRL) operating W4HAW during Operation Alert 1960 from the Palm Beach CD Control Center. (Photo by Bill Allison)

JOCO VII

Plans for JOCO VII (Joint Organized Communication Operation) are now complete.

JOCO VII will be held this year at Everglades City, Florida on Sunday, August 14th from 0630 to about 1630.

The U. S. Coast Guard Auxiliary has again agreed to participate by taking their communication truck to Everglades City. They will set up and check out their equipment on Saturday evening on 3675 kc, 3910 kc and 7115 kc. The officer in charge will be Walt Lindner K4KTE. Dick Smith W4DRD and other Coast Guard personnel will assist. W4KTE/4 will open at 0630 on 3910 kc with the Knight of Kilocycles until about 0930, then QSY to 7115 kc to work the Novice Hurricane Net Manager, W4UHF in Tampa and all other CW stations.

The Ft. Myers and/or Naples Radio Club will set up a complete station for 7295 kc. W4ACT, EC for Collier County, and W4CQZ EC for Lee County will participate. They will open up around 1000 on 7295 kc and work K4-JWT, Red Cross in Miami, the Ft. Myers Red Cross station and all others throughout the state.

The Dade County Civil Defense Bus, K4TFS/4 with Bob Watson W4DTV in charge, plans to participate on 7295 kc, 50.250 and 145.26 Mc from the Trail Glades Rifle Range where Routes 27 and 41 meet. (Krome Avenue). They will probably run checks back to C. D. Hq. on VHF and work other Civil Defense stations throughout the state on 7285 kc.

(QSY To Back Page)

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

LETTER TO THE EDITOR:

I would like to nominate, for the Florida Skip Award, Dr. Joseph "Doc" Campbell, D. D. S., K8GFE.

Doc is in some ways an ordinary ham. In other ways he is most outstanding. Although afflicted with a severe coronary condition he spreads more cheer and good will than any other person I know.

Unless you happen to have an "Eyeball" with Doc you will never know of his affliction. But just mention some trouble of your own to him and he will spend any amount of time necessary to cheer you up and give you a new lease on life. His efforts will not be confined only to the air. If he feels it will help a letter will be on its way. This has happened many times, to me and others of my acquaintance.

Doc has many friends in Florida. He has a 100V coupled to a 600L and a Hallicrafters SX 101. He doesn't use the 600L unless absolutely necessary to maintain communication. A fact by itself worthy enough to merit the Florida Skip Award.

About three years ago Doc spent a considerable amount of time cheering up a small girl by the name of Cathy in Michigan. Cathy was domed by a blod disease and expressed a wish for a short wave receiver by her bed. Her wish was granted due to no small effort on Doc's part.

Doc lives, and had his practice, in the small community of Bangor, Michigan. Bangor is about 25 miles west of Kalamazoo. He is dearly loved by all his townsmen. They are all concerned with his welfare. In a small town this fact gives credence to my contention that Doc should by all means receive the Award.

Doc's address is: 111 East Cass Street, Bangor, Michigan.

Yours truly
James J. Apsey, K4YOQ
EC, Hillsborough Co., ARRL

SILENT CARRIER

It is with great regret we report the passing of the Grand Old Man and Amateur of Florida, Mr. Pat McVickar, W4ZB of St. Petersburg, Florida.

Pat, one of the oldest and best liked amateurs in the state is known by almost everyone that over worked 75 phone. Always with a good clean signal, a little wit, and a story or two of years gone by Pat's carrier went silent Sunday July 10th, never to be turned on again.

LETTER TO EDITOR

Editor, Florida Skip:

As a result of the incident listed below, I wish to recommend K4MTP, Gene Duke of New Port Richey and Walt, K4VNA of Daytona Beach for the FLORIDA SKIP AWARD. The following is an extract from a letter which I requested from K4MTP and have on file.

"Saturday evening July 2nd, at approximately 6 p.m. a neighbor of Gene Duke, K4MTP, New Porh Richey, Fla. was stricken with a heart attack. He was rushed, under oxygen to Mease Hospital in Dunedin where it was found that he had suffered a stroke as well as a heart attack. His condition was pronounced critical. By Sunday evening, the patient was still in a coma and was given only a short while to live."

He had a son who lived in Daytona Beach and all the information Gene and Walt had was that the son was a painter and the wife was a waitress in some restaurant in Daytona. After Gene reported into FPTN with emergency traffic, Walt volunteered to help and before the net had closed (45 mins.) Walt, after much running and inquiring finally found the daughter-in-law and gave her the name of the hospital where her father-in-law was. They were able to get in touch all interested parties before the gentlemen passed away at 11 a.m. July 4th.

I believe this to be a very worthy public service and both are deserving of the Florida Skip Award. Thanks and 73.

New Smyrna Beach ARC.
President
Herb, K4ICF,

(Editor note: Without a doubt worthy of the Award. We are open for any other nominations. See page 2 for list of nominating committee.)

HOW MANY IN 100 YEARS?

In the past hundred years the population of the United States has increased seven times, but our total output of manufactured goods has multiplied 25 times. A century ago machines did only six per cent of the work; now they perform 94 per cent. Yet there are more jobs available today per thousand population than ever before. This is true because while new machines may displace workers temporarily they create additional jobs ultimately.

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Net, (FPTN) K4LCF, Herb Zeigler, Box 12, New Smyrna Beach.

NOVICE-FORUM, W4UHF, H. Ro Scott, 3607 Omar Ave., Tampa

VHF in Florida, Allen A. Engleman W4RWU 2442 Pine Estates Road So. Jacksonville 8, Fla.

Poet, W4ZJ, Jim Kellow, 2315 Ironwood Dr., Jacksonville

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Net, (FMTN) W4GJI, Tip Curran, Box 48, Palm Beach.

VP7 Land, VP7BH, Bill Morris, NAA c/o PAA Eleuthera AAFB, Patrick AFB, Fla.

MARS Dist. No. 2, A4WDX, William Budd, 666 Arriveda De Mayo, Sarasota.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 W Columbia St., Orlando.

Club, W4LJM, David Nelson, 22 Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferro 1364 N.W. 23rd Ct., Miami 35.

Club, K4BY James D. Felsenheld, 3401 27th St. West, Bradenton.

Club, W4DXL, Bill Lando, 1920 SW 4th Ave. Ft. Lauderdale. (Hollywood Club).

Club, W4BAV, Catherine Seeds, 82 — 21st Ave. No., St. Petersburg.

Club, Dade, Forest & Martha Bahr K4SEE/SED, 834 NW 9th Ave., Miami 36, Fla.

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Club, Fort Myers, Ken Stewart, W4SMK, Box 1745, Ft. Myers, Fla.

Club, Lake Co., Irene Conklin, K4LPV RR 2, Box 466, Bassville Park, Leesburg, Fla.

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Club, South Miami, Joe Caplano Jr., K4VFW, 10260 SW 34th St., Miami. Club, DBARA, K4RNS, Marg Campbell, 24 Palmetto Dr., Ormond Beach.

Club, Broward, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET, Bob Street, 116 Iroquois Dr., Miami Springs 66.

Club. W4MVY, Jerry DiGirolamo, 216 Doris Dr., Lakeland.

FLORIDORA NETS, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Hint & Kinks, K4UGC, R. V. Frederick, 460 NW 108th Terr., Miami 50.

Net, Hillsboro AREC 6M. Net, K4LLG, Joe Mills Jr., 3622 S. Hubert Ave. Tampa.

SCM E. Fla. ARRL, John F. Porter, W4KGJ, Box 7295, Ludlam Branch, Miami 55.

SCM — WEST FLORIDA, FRANK M. BUTLER JR., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

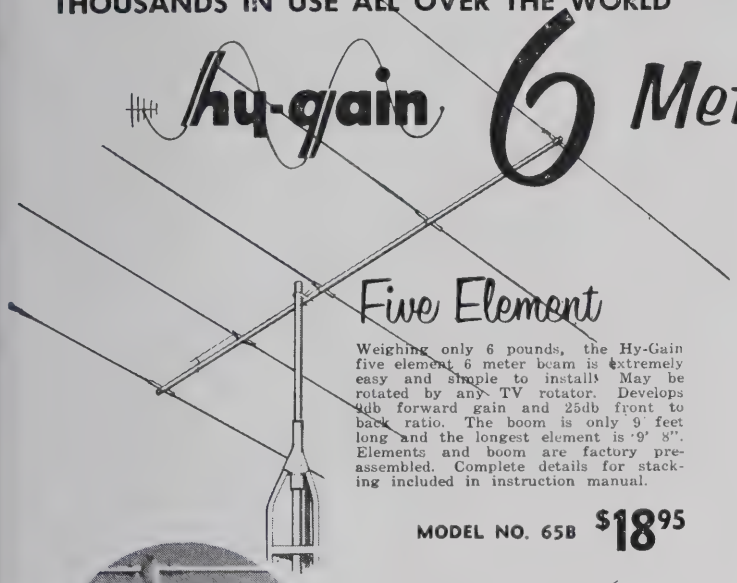
FLORIDA SKIP NOMINATING COMMITTEE: Fran Foley W4BIL, 14698 — 63rd Way, No. Clearwater. Herb Hamilton, K4KDN, 1524 So. Lake Howard Dr., Winter Haven. Curt L. Parrish, W4SVX, P. O. Box 76', Winter Garden, Fla.

FIELD DAY TAPE

The editor of Florida Skip and XYL Betty, W4GGQ, visited 4 major clubs in Dade County during Field Day. He took pictures and made a 45 minute tape recording of all clubs while in action. Club presidents and coordinators reported on the setting up of their field day stations and have some very good ideas. Any club wishing to borrow this tape may do so by writing the editor. We have two copies on hand at present thanks to K4YSV and W4IET. See you next FD.

THOUSANDS IN USE ALL OVER THE WORLD

Hy-gain 6 Meter Beams

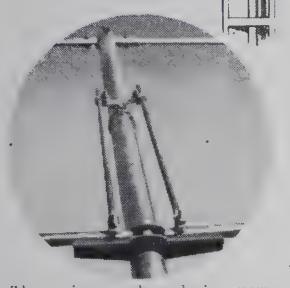


Five Element

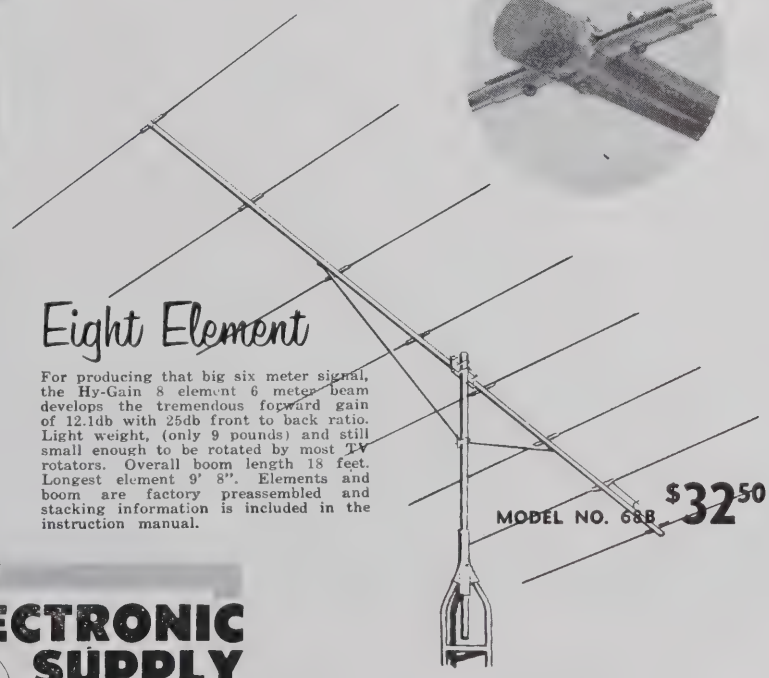
Weighing only 6 pounds, the Hy-Gain five element 6 meter beam is extremely easy and simple to install. May be rotated by any TV rotator. Develops 9db forward gain and 25db front to back ratio. The boom is only 9 feet long and the longest element is 9' 8". Elements and boom are factory preassembled. Complete details for stacking included in instruction manual.

Large 1¼" diameter boom and heavywall 7/16" diameter elements constructed of strong, yet light weight heat treated aluminum alloy. All hardware heavily galvanized and iridite treated according to military specifications for maximum weatherability. Positive grip element to boom assembly completely encloses and secures all elements in perfect alignment.

MODEL NO. 65B $18.95



The unique and exclusive new Hy-Gain Beta Match system is completely factory pretuned and adjusted for an SWR of less than 1.5 to 1 into a 52 ohm coaxial transmission line. It is fully adjustable to compensate for installation variables and also maintains excellent band width — VSWR characteristics.



Eight Element

For producing that big six meter signal, the Hy-Gain 8 element 6 meter beam develops the tremendous forward gain of 12.1db with 25db front to back ratio. Light weight, (only 9 pounds) and still small enough to be rotated by most TV rotators. Overall boom length 18 feet. Longest element 9' 8". Elements and boom are factory preassembled and stacking information is included in the instruction manual.

MODEL NO. 68B $32.50

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NEW HY - GAIN ANTENNA MANUAL

YOU GOT TROUBLES OM

What's the trouble OM? You say your having TVI troubles — and the neighbors won't talk to you — and your XYL won't let you operate after 9 p.m. because you wake the kiddies — and the kiddies won't let you operate till 9 p.m. cause' you ruin their TV . . . .

Is that what's troubling you? You say a ham moved next door to you is running 500 watts on your favorite band? — and your final tube went bad 5 minutes before the last band opening — and the DX hounds cover you up on the low end of the band — and you received a pink ticket for being on the low end — and the only W7 you ever worked won't QSL and your VFO drifts . . . Is that what's the matter?

You say the XYL doesn't like your hobby and she wants a divorce — and you need 46 more states for WAS — and your car wouldn't start 'cause you left the mobile rig on all night — and you couldn't get to work and you lost your job — and you daughter wants to marry a SWL.

Is that all that's bothering you? COME DOWN TO SIX METERS. THINGS ARE BETTER THAN EVER ! ! ! !

(BISON de QSO)

YL HANGNAILS

K4IJM - Marueen Spagnoli, 2515 Garfield St. Hollywood; PH-WA2-6229; birthday 8/12, joined 4/4/59; Tech. 1956; 6 meter fone; Member Dade and Broward Emergency Nets; Housewife; 4 Harmonics; Hobbies - handwork and bowling; Member of Hollywood ARC. OM-K4IFI.

NEW MEMBERS:

KN4TBG - Kay White, 121 So. "L" St., Lake Worth; (Catherine) PH-JU-2-2186; Novice; Birthday 4/13; 75 watts, housewife, Hobbies are bowling, sewing and boating; Married; 2-Harmonics.

K4BDF - Sue Cooey, 1308 E. Bobe St., Pensacola; PH-HE-8-3224; General license 1959, Birthday 6/17; CW-8-13 WPM; 10 & 40 CW & AM wtih DX 40 & DX 100-NC300; Housewife; 1-8 yr. old harmonics; OM-K4-QOL Bill; likes flowers, reading, church library work ARRL & YLRL.

K4FYA Lillian "Butch" C. Collins, Rt. #3, Box 689 Dade County, PH. HL-7-3327; Novice & Tech. 1959 CW WPM; Birthday 12/12; 140 watts on CW 120 on fone DX 40; 80-40-15, Recvr. NC 109; Techn. Seneca Tm; Housewife, 2 daughters, CM Elmo K4YWJ, likes flowers, garden, reading, sewing.

F. M. T. N.

Tip Curran, W4GDI

There's new blood in them thar hills and we welcome the surefire signal of K4ENW as the Wednesday net control. When George got calling for traffic from A to G we were sure we must be working the Tropical net where he has so ably conducted ceremonies for a long time. K4FMA is now NCS for Tuesdays and he is doing a fine job and already handles the net like a veterans.

This past month has been really rough and as each day of heavy QRN goes by one begins to wonder what conditions will be like if we run into a storm emergency. There are times when it would seem that some of the gentlemen on 40 around noon read the crab article of sometime back and are of a mind to assert themselves all of a sudden. The QRM from the fifth district boys is one thing and there is no question but what interference from that quarter is due to conditions of propagation and therefore must be accepted as a normal abnormal matter to be contended with when it does occur. Fortunately most of the signals of the members of this net are adequate and override this. However, it does seem that there are more and more Florida or mobiles working in Florida whose signals seem bound to set right down on 7230 plus or minus a kc or two who unaccountably are able to copy one and another without difficulty and apparently never hear the traffic we are attempting to pass through them. It is most odd to say the least.

As most of you know, the net manager was asked to include the net in the weather reporting system and a poll of the net controls was unanimous that we join in this most important work. Naturally many of our members are located close to areas which have standard weather stations. Even so these collect data at stated intervals and a spot check in such an area at some off time might often prove valuable when correlated with checks from other sections that are remote to SWS, all being picked up by a brief radio rundown. It is relatively simple to outline a face and set two ears, eyes and a nose, but it is the lines that are added here and there that give character to the picture as a whole and make it come alive. This is true in making up a weather chart, especially under rapidly changing conditions such as occur during the approach of a tropical storm. Sudden turns may be discerned from quick changes of barometer and wind direction and the path of a storm may be far more accurately plotted. So check your barometers for accuracy, rig some kind of a wind direction indicator that you see from your position and don't sit on your thermometer. As many of you know it is interesting to see how much difference a few miles can make in readings and when they are set down and connected by a line a picture takes form at once.

The Boys and gals up Dayton-Ormond way are hard at work already and it sure looks like they mean business this year. Better make your minds up to go and make reservations before Elinor Village fills up. This issue should be out in plenty of time for you to make plans. Be sure and be there and we'll tell you all about it in September SKIP which I sure hope that you remembered to renew your subscription for yet. BCNU at Elinor's ! !

May your tubes run cool !

NEW BOOK ANNOUNCEMENT

"Howard W. Sams Tube Substitution Handbook", a joint effort of Sams engineering and technical editing staffs, is one of the most complete and authoritative reference books on direct tube substitutions published to date -- including 3,800 total substitutions!

In the directory of over 1,500 American receiving tubes alone, 2,048 substitutions are listed. In addition, two other sections list 169 industrial and 489 European additional substitutes for American receiving tubes. Still another section recommends 301 American substitutes for European types. Also included is a directory of 400 picture tubes, with recommendations for 799 substitutions.

Invaluable for the service technician who daily faces a maze of diferent tube types, "Howard W. Sams Tube Substitution Handbook" is available from electronic parts distributors and bookstores throughout the country, or from Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. 96 pages - $1.50

OVER MODULATING

In 1925 the average age for hams was 22; in 1935 it was 25; in 1945 it was 30; in 1960 it is about 36. Looks as if we're aging.

BROWARD COUNTY 6 METER NEWS

Fran Adams, K4PPX

The Broward County gang has been enjoying the usual summer openings to Canada and to all the W-lands, even hear reports that KL7 - land was heard.

K4HIL - Herman is now sporting a new Seneca. No TVI and Herman says and having a ball. K4SUK - Gary is gone back to college for the summer sure miss the KW.

W4KVU - Jim is hear very often on the CW portion of the 6 meter band. W4LPR Adele and W4IMZ - Red will be hear mobile only till new home is ready. Our sympathies goes to Adele for the loss of her father.

K4VGD - Jean has finally got his appointment as OBS. W4-KKV - Brad just returned home from his vacation in Va. Hear many stations from here in Va. Brad is having his whole house air conditioned. Do you think it's been warm, Brad?

K4SLJ - Jess is now operating /4 from Broward Airport, running 100 watts into a Vertical 60 ft. Jess has opened a small shop under the name of Electronic Equipment Exchanged, he says anyone is welcome to use his shop to work on VHF gear.

W4FQS - Jim is now active at his new QTH. W4HGT - Pat and K4QJP - Val are now living with Val's mother and will soon be setting up their rigs. W4CZP - Clarence didn't desert 6 meters when he received his general some time ago. He enjoyes his Apache on the lower bands.

K4RCX - Jeri and K4RCV - Bill are a very active Om/Yyl team. Both are getting new states and getting certificates. K4QYB - Norm acted as host at our Field Day enterprise. The gang thanks you, the ribs were wonderful.

K4PPX Fran and K4QQE - Archie have their Seneca going night and day. Fran has her 40 state, Maine and Archie finally got his South Carolina for his 37 state. K4IWC - Ralph and ylx Shirley are expecting — well not a new rig.

K4ACF - Nancy and K4IQS - Chuck are battling the band daily. Chuck is getting nerverous as Nancy is catching up on states worked. The Craigs, K4CRU Phil and K4JGU - Mildred have gone to VE - land until Sept., returning in time for the coming wedding on their son Ronnie W4ETH on Sept. 18.

K4KEX - Dick and W4ALF - Jack both active on 6 nowadays with newly modified gear. W4-FEU - Ann and K4CZW - Bandy are very active on the Confused Early Bird Net. Ann is in charge of selecting the names of birds to give to the members checking in.

W4NUT - Goe. is on a Yacht in Buffalo, N. Y. and has been working down here often. Good to hear you Geo. We have a new fellow on in Hallandale now, K4YLV - Morris just got his Tech. ticket and expects to be very active. Welcome Morris.

The Broward County 6 Meter Group participated in the July Field Day. We did not get a very high score, not good enough to win the Fla. Skip Award but we had lots of fun trying.

CHILE EARTHQUAKES

(Editors note: The following comes from Va. KZ5VR, a Skip member in the Canal Zone. The X KZ5's were willing to help but — read on.)

Andy — you asked about our part in the Chile deal. Joe Civilian has not been asked to help, so our hands are idle and tied. The military hams are very busy. Army MARS is closed and the hams are working with the Air Force. There are 3 MARS stations set up at Tucumen Airport on 10, 15 and 20, working around the clock. They have 4 direct lines to Albrook. Ted Wilc KZ5SW is in Chile trying to get to the disaster area to set up operations. Frank Glotta CE is with him. Barney Sedelack BS is in Santiago and as of Saturday he had been up for 3 days.

There were 8 others who put in long hours in Chile on the disaster and there may be more but I haven't been able to find out who they are.

Keeping track of the air planes plus handling food plus getting communications set up is what the military are doing. Panic is the big trouble in Chile. Just got Ralph at Albrook so he will have more news. Us Civilian hams have been left out in the cold — 73 Va. KZ5VR.

STRANGE

It is strange how many of the boys still write "Best 73's" — probably because they don't know the "73" means "Best Regards" — which would make the "Best 73's" means "Best, Best Regard's's's" or something like that. If you want to amplify 73 stick a "vy" in front of it — that makes it read "Very Best Regards" — and the same to you and many of them.

(PANN - W7FIX)

HINTS & KINKS

Here is a growing list of semi-onductors.

1. Thermistor, 2. Varistor, 3 urgistor, 4. Transitron, 5. Tran-istor, 6. Spacistor, 7. Twistor, . Ferristor, 9. Magnistor, 10. rytrons, 11. Vibristor, 12. Film-tor,

3. Transistom, 14. Junction riode, 15. Drift-Transistor, 16. lloy Diffused Transistor, 17. ower Transistor, 18. Power onverter Transistor, 19. Trinsic-arrier Transistor, 20. Intrinsic-arrier Transistor, 21, Axial ead Silicon Transistor.

22. Zener Diode, 23. Tunnel iode, 24. Photo Resistor, 25. hoto Transistor, 26 Alloy Tran-stor, 27. Tetrode Transistor, 3. Unipolar Transistor, 29 Ana-g Transistor, 30 Field Effect ransistor, 31. Switch Type "P" ransistor,

32. Tecnectron Transistor, 33. nijunction Transistor, 34. Uni-stor Transistor, 35. Increduc-rs, 36. Magnetoresistor, 37. Per-stor, 38. Stabistor, 39. Trigis-r, 40. Nuvistor.

73 - K4UGC

"RARE DX"

Ever wonder what is really "rare" DX? An analysis of "countries not yet worked" of 22 Florida DXCC / Fla. DX Club members shows that there are about 100 countries which nearly every one HAS worked, and the following are the countries which only a few have ever been lucky enough to find.

Sikkim - Chagos Is. - Gough Is.

Bhutan - Rodriguez Is - Kermadec Is.

Tibet - St. Brandon's Is. - Yemen.

East Pakistan - British Phoenix Is. - Aldabra Is.

China - Nicobar Is. - Rio De Oro.

Timor - Willis Is. - Comoro Is.

Wallis Is. - Cocos-Keeling - Tromelin.

Franz Josef Land - Christmas Is. (ZC3/VK9) - Afghanistan.

Wrangel Island - Albania - Manahiki Is.

"Banned" countries have been omitted. Anyone for a DXpedition?

FPTN CHATTER
HERB, K4LCF

The Florida Phone Traffic net meets daily except Sunday at 0700 on 3945 kcs.

This has been a very trying month for this station. First there were high noise levels, then plenty of QRM and last but not least, the old Globe Champ fell apart. This has been a time when the members of the net have proven they can pull together even when they don't have their regular net controls at the helm.

From now on, we will be enjoying the fine NCS services of K4SPR, W4CNZ, K4MTP,- W4 JRJ, K4BOO, K4BHL and K4 EHY. Some of the things you will learn by the road of "hard knocks" and you will really appreciate the strain net control is under. I think you all will agree that one switch operation is a necessity when acting as NCS . . .am I right ? ?

This month "hats off" go to Walt, K4VNA in Daytona Beach. Walt did a fine piece of public service the other day. Seems as tho' Gene, K4MTP, over in New Port Richey was handling traffic for a lady whose husband had passed way and they knew one of their very close relatives (a brother, I think) was in the Daytona Beach area. True to ham spirit, old uncle Walt hoped in his car and after much digging around found the right parties just north of Daytona Beach and within a matter of a short time landline contact has been established between the interested parties. Walt, again we are really proud of you.

W4ADU - Van in Lake City — K4TST, John in Aburndale and W4JGD from Jacksonville. Glad to have you fellows anytime.

Here's an invitation to you fellows . . . better come over to New Smyrna Beach before the summer is over and see the pretty gals. The beaches are just loaded with 'em. The age limit as we see it, is from six to sixty. . . . come get your feet wet before the summer season is over.

That all fellows . . . how about a little news for me to publish in next months issue? ? ? Anything at all is welcome, send to me at P. O. Box 12, New Smyrna Beach . . . See you next month.

THE NOVICE FORUM
Roy Scott - W4UHF

John Curry, KN4QDN, 520 N. Jackson St., Quincy, Fla., is a very active member of NHN (Novice Hurricane Net) including NCS. John is 15 and his WAS standing is 34/30. His CW indicates the "N" is going to be missing from his call before long.

Send us fotos of yourself and station and write details of your activities in the Novice Bands. This is your department and letters and suggestions are welcome.

JOCO - the annual drill conducted by the U. S. Coast Guard, Red Cross AREC C,ivil Defense, and Weather Bureau will take place Aug. 14th. Novice participation in this activity is handled through NHN - Novice Hurricane Net on its 3725 KC frequency and the alternate NHN frequency 7190 KC.

All Florida Novices are urged to transmit simulated disaster messages and weather messages to JOCO through NHN on above frequencies which will be monitored between 0800 and 1200 EST.

Be sure and give your name and address so that you can receive a beautiful QSL specially prepared for this occasion for all stations participating in the drill. Details of the drill appear elsewhere in this issue of SKIP.

73, de Roy, W4UHF

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PEA SIZED RADIOS

(JQLF, Lockport, N. Y.) The concept of molecular electronics may lead to development of a complete receiver the size of a pea. Development of this concept may mean the eventual elimination of such components as resistors, capacitors, diodes and transistors.

The technique which will be used was recently demonstrated by the U.S.A.F. and the Westinghouse Electric Corporation in Washington, D.C. Semiconductor crystals are grown in the form of long, thin, near-perfect ribbons, or dendritic strips. The strips can be incorporated into finished semiconductor devices without intermediate material processing of any kind.

Westinghouse scientists have grown multizone crystals called "functional electronic blocks", that provide the basic building blocks required in molecular electronic systems. Each one is a complete functioning electronic sub-system.

A variety of these electronic subsystems are vastly more reliable than the most advanced electronic devices in use today and as much as 1000 times smaller.

Recently demonstrated by Westinghouse was a pre-amplifier which was the size of a match head. Also demonstrated was a wafer sized direct current power amplifier that requires only the energy from a flashlight beam to control 40 watts of power for two 12 volt automobile headlights.

(METRO MODULATOR)

SOMETHING NEW?

by John Rhodes, W4SRK

Since the days of spark, and loio p modulation, wireless communications have made rapid progress through AM, FM and CW modes.

Many thought that the ultimate was reached with single sideband, but a new field has opened and is being pioneered by T/Sgt Jerry Green, K4UBR, of the AACS Squardron at Eglin Air Force Base.

Its called Single Encabulation, SE for short. SE at the present time can only be used on the lower amateurs bands because it utilizes the principle of negative frequency.

The encabulation generator, first built by T/Sgt Green, has 41 monastically spaced grouting brushes, mounted on a base-plate of prefabulated amulite. This is surmounted by a malleable logarithmic casing in such a way that two spurving bearings are in a direct line with a pent ametric fan. The fan consists simply of six hydrocoptic margelvanes fitted to an ambifacial lunar waneshaft.

The main winding is of the normal lotus-o-delta type placed in panandemis semi-boloid slots in the stator. The operating point is maintained as near as possible to the hf rem peak by constantly fromaging the bitumo jenus spanducts.

Signals from SE have a varescent sk or motion, if it is employed in conjunction with a drawn reciprocating dingle arm to reduce sinusoidal deplenerations.

(From - PARASITICS - PARC)

Man says his wife does bird imitations. Watches him like a hawk. (Santa Fe)

A mistake proves somebody stopped talking long enough to do something. (Floodlight)

TAMPA AREC DRILL

An AREC drill was held on Monday, July 4, 1960 in conjunction with the U. S. Coast Guard Aux. from 0730 to 2230 hrs EST.

K4IAL and K4EBT set up 6 meter communications aboard the Coast Guard flagship "Franwall". A base land station, W4BHB, was set up at MacDill field for relay of messages by land line.

The purpose of his drill was to determine how and in what way could amateur radio fit into the rescue operations of the CG Aux. Their primary function is that of searching for overdue and stranded small boats in the Tampa Bay area.

Stations checking in throughout the day in 6 meters included: K4LUC, W4LAW, K2VEO/4, W4JJV, K4LLG, K4YOQ, K4-RTN, K4OUD, K4TOK.

At 0840 contact was made with the Tampa Police Boat, notifying them that amateur radio communications was set up on board for emergency traffic.

During the days operation, two actual rescues were performed. One involved six teenagers stranded with a disabled motor 2 miles off shore. The other rescue involved a sail boat which had broken its rudder on a sand bar, stranding a couple with a small child.

Plans are now formulating to hold regular drills with the CG Aux. at which time various amateur stations will be set up on smaller search vessels with the NCS on the 74. Franwall.

Milton I. Faivre, K4EST
Assistant EC
Publicity

Floridora YL Activities
By Fran Adams K4PPX

Due to summer conditions on 40 meters the Floridora Sunday Net will take a vacation until Sept. 11.

The Floridora YL SSB Net will open in the fall on Tuesdays Morning 0900 on 7215 KC.

Have you paid your YLRL dues ? ? ? ?

Remember the date Jan. 8 - Jan. 15, 1961 our 1st Floridora YL Week. Will write more of this each month.

Floridora YL 40 Meter Net was unable to hold their July monthly business meeting on the air due to the long skip es QRM.

Many Floridora YL's are now making plans to attend the Daytona Beach Hamfest Sept. 4. Contact W4DSR-Clyde.

W4IUR - Mim is the Nomination Chairman for our election in 1961. She will be asking for help gals, so do all you can.

GAINESVILLE AMATEUR SOCIETY (GAS)

Club FD report. Points scored - 2,790 - contacts 310.

The GAS gang turned out in part force on Saturday morning for antenna raising and five operating positions installed. Afternoon FD operations began at 1600 via AM, SSB and CW. Conditions did not favor operations due to bad weather most of the operating period. Thunder storms were numerous with heavy rains and terrific QRN. Problems were galore. Our low score indicated that a majority of experienced operators were missing due to personal problems and vacations, etc. Our biggest turnout for operators were by novices and our hats are off to them for the grand way they gave the club support.

As usual, difficulties developed such as low voltage from the portable generator, transmitters going up in smoke, swing and sway receivers, and overloading cross band of receivers with clicks, speech, etc, and as mentioned all this due to in experienced operators and operating but now a new era is made for our gaing and anticipation for next year is already in the making. So — the trophy winner will be in real competition. Congratulations to the winner and we accept the booby prize graciously.

All members of our club give thanks to those who put their time and efforts to the successful conclusion of a well earned "Well Done".

Lee - W4ATA

THE ALL FLORIDA CW NE

Another month gone by s soon. The June report is as fol lows: 30 sessions, 32 stations an traffic count of 267. Not a ba month taking all into considera tion. We now have a regula Tallahassee in person of W4 MLE, George, who checks i most nights. Unfortunately, w are still lacking quite a few o the large Florida cities, and luck in that respect. K4BQP/ from Rome, Georgia has move into Miami. He is looking for ward to checking in on QFN a soon as he gets up a decent 8 meter antenna. K4GBS - is o the move and we hope to see Ar on QFN again soon. Hope K4 EHY gets his VFO fixed so h can slide around again down o the low end.

We invited any newcomers o interested parties to come an see for themselves at 4650 kcs at 1730 CTS/1830 EST how QFN operates, and we hope they will become interested. If you have any inquiries either write t the Net Manager - W4ATA his address follows: Lee Garris, 416 N.E. 2nd Ave., Gainesville, Fla.

Until next month.

73 - Don, K4FMA

MARS BC NO. 20

Numerous queries relative to the inclusion of a group count in MARS messages prompts a reiteration of the following instructions. Paragraph 69 Sig 439-2 and paragraph 56 AFM 102-3 states "all normal form messages, except service messages, originated by MARS stations will include a group count. A group count will be assigned to each MARS message at the time of origination.

Broadcast messages may or may not be assigned a group count by the originator. Messages from non-military sources for relay on MARS will not be accepted for further processing unless a group count is included". The last sentence should be interpreted to include messages refiled into MARS from amateur sources.

In counting groups, no difficulty will be encountered if the instructions in the above referred manuals are followed. The group count in a MARS message includes all words between the break sign separating the heading from the text from the ending.

There's one advantage to being married — you can't make a fool of yourself without knowing it.

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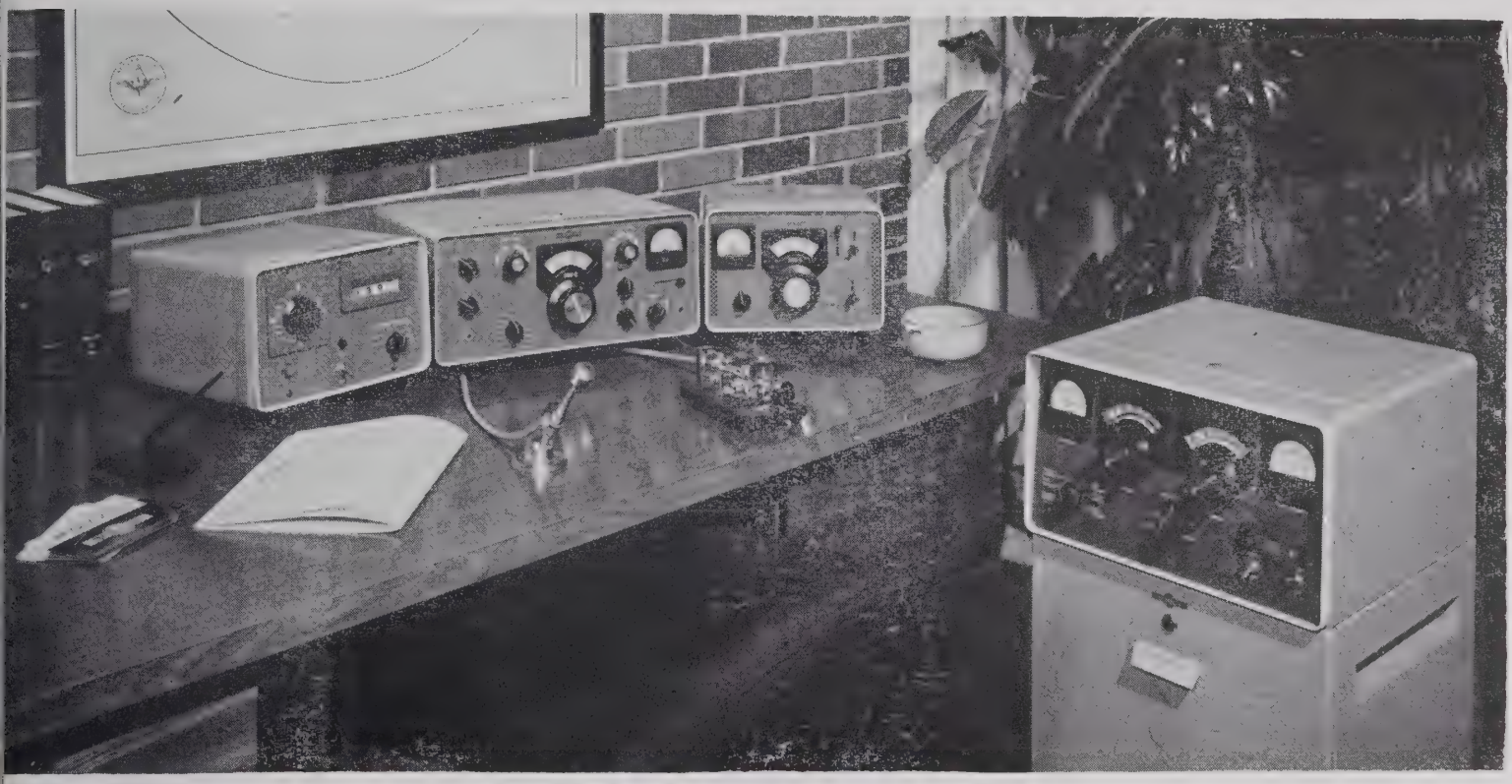

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WHAT'S NEW IN HAM GEAR

Anyone interested in making their spark a little brighter would do well to investigate P&H Electronics model LA-400C linear amplifier, it is a grounded grid job using either 4 modified 1625s or regular 837s as amplifiers. It is rated at 800 watts Pep input on SSB, 400 watts input CW, 200 watts input linear AM. The price is $164.95 in kit form or $219.95 wired and tested (surprised). If you hear a big noise on the band, look around it may be Tip curran (W4GJI) he is using one.

Everybody has been wondering when Johnson was going to do something about the SSB situation. Well it looks like they finally went and done it. and in a big way too. The new Invader & Invader 2000. The Invader frequency range is from 3.5 MC to 29.7 MC. Pi-network output circuit, rated at 200 watts Pep input, 200 watts input CW, 90 watts input AM. with a pair of 6146 in the final, and priced at $619.00, for another $619.00 you can add the Invader Hi-Power conversion kit (all wired and tested) and increase the power to 2000 watts Pep, 1000 watts CW, 800 watts AM, or you can buy the Invaders 2000 which will give you all of the above for $1229.00

It is rumored that Hallicrafters are making quite a few changes in their HT-32 transmitter.

Have you seen the Collins PM-2, portable power supply and carrying case, it operates on either 115 volt ac or 220 volt ac at 50-400 cycles- This Samsonite case is shock resistant and has space for the KWM-2, microphone, key, and wire dipole antenna. This combination of the KWM-2 and the PM-2 provides you with a completely portable and quick set up SSB or CW station in an attractive suitcase (speaker built in the PM-2) and all weighing less than 45 pounds. It sells for $250.00

They say that Gonset will soon be out with a new tranceiver for mobile or fixed operation that will run 100 watts AM, the power supply is separate, buy the one you want AC or DC, this will replace the G-66B and G-77A twins. We are also still waiting for the Gonset MSB-1 mobile SSB tranceiver.

Globe Electronics will be out in July with a new 6 meter tranceiver for either fixed or mobile use, it has a universal power supply for either 6 or 12 volt DC and 115 volt AC, crystal or VFO controled, 20 watts input. The price is $229.95

The Hammarlund HX-500 SSB transmitter has just hit the deck, 100 watts PEP output, and priced at $695.00

The new National NC-270 receiver should arrive before to long now, they say it is real good on both AM and SSB and will sell for $249.95.

The long awaited for RME 6900 should be out within the next few weeks, this one sounds real good, the manufacturer claims it will outperform anything in its price class, it has 11 1-2inch single slide rule tuning dial, separate detector for SSB, built in crystal calibrator, fast attack AVC, selectable sideband, and will sell for $349.00

If you care for this sort of thing, your comment will be appreciated.

Wiley (w4WSJ)

WHOSE FAULT WAS IT?

Anyone who has ever brought two hot wires into a switch box understands the importance of grounding the third (middle) wire to a good solid ground.

Anyone who didn't flunk his junior high general science course should also know that rubber is one of the best electrical insulators. Yet a combination of these two bits of information was the cause of the death of a high school student last week in Hammond, Ill.

A frozen food firm had always piped 220 into their parked refrigerator trucks to provide power to the cooling units without realizing that the ground wire on their polarized units was useless without grounding the truck.

A combination of a group of skylarking boys, a puddle of water, and a careless hand on a metal door handle provided the path to ground from a bare wire somewhere in the unit. It would be useless to attempt to second guess this episode with a flock of "ifs" — unexpected holiday puddle of water, trespassing, bomb scare, etc. but we can exercise proper safety precautions in connection with any situation over which we have any control; or by becoming extremely vocal when we spot any violations of good electrical safety habits.

Lets preach and teach safety at every oportunity, and above all -- practice what we preach. Let's ground everything -- even typewriters.

TRAFFIC HOUNDS

WEST FLORIDA

June

K4CNY	405
K4UBR	49
K4VND	8

May

K4CNY	356
K4UBR	315
K4BSS	180

EASTERN FLORIDA

K4SJH	621
K4QLG	534
K4KDN	411
W4SDR	249
K4EBT	208
W4FPC	191
K4LCD	179
K4YOQ	164
K4BY	155
W4AKB	90
K4FMA	87
K4ODS	66
W4KJI	62
K4ILB	58
K4MTP	55
K4BHL	55
K4BLM	48
K4DAX	47
W4LDF	45
K4LCF	42
K4BOO	39
W4EAT	33
K4RNS	30
K4TDT	28
W4TRS	28
K4DBT	26
W4EHW	25
W4CNZ	24
W4IYT	22
K4COO	21
W4HRC	21
W4FE	20
W4NDJ	16
K4RZQ	12
K4DRO	10
W4SMK	8
K4IWT	5
K4DAD	5
K4OSQ ?	4

Traffic for Month of May

K4EBT	100
W4EHW	35
K4OBS	34

Following Section Nets Reported: FMTN-458, GN-280 and FPTN-206. There are three BPL's and total traffic for month of June, 3744.73 John Porter, W4KGJ SCM.

LETTER TO EDITOR

(Editor note. This is probably one of the last notes Pat McVickar, W4ZB wrote before he passed away July 10, 1960. See Pat as a "young fella" on our picture page.)

Editor: Florida Skip:

Here's my check for another year of SKIP, which I enjoy very much.

Here's a picture of me take back in 1912 when I was a youn fella. The KW United Wireles set filled nearly the whole cabin Don't know whether or not gave you one of these pix, if s pass it on to somebody else.

Thanks for the pix of you twins, I enjoyed it muchly.

Pat McVickar, W4Z

ORLANDO RAMBLINGS

Hal, W4BKC

The Orlando gang racked up total of 1002 contacts for a to of 7336 points for Field Day, b up to date we don't know h we stand with other Clubs, Anc W4IYT says the scores have be slow coming in, so we will re the news in Florida Skip, or g it on the air from Andy, via t Florida Phone Traffic Net.

The C. D. generator gave the ghost rather early in the e ercise, so several other gener tors were pressed into servi and kept going thru the effor of Ernie K4HXP, who display a hitherto hidden talent on t care and feeding of balky ge erators.

Jess, W4CLJ had his SSB r in the C. D. Van and many the group had a chance to ope ate sideband for the first tim and were very favorably in pressed with the ease of vox o eration. Really rolled up t points too. Seems it wouldn't too hard to convert some of th mode of operation after this e opening demonstration.

As a final coup de grace to t exercise, the CD Van quit ru ning, on the road out from t Field Day site; flug in the g line, then the bomb truc stripped the gears in the re end trying to pull the Van, Wes K4KRG, said "That put t frosting on the cake" Hi.

Jim K4LXX, had a few ba moments when the cable brok on his foldover tower, just as h was starting to raise it, no dam age but Jim is sporting a fe new grey hairs to commemorat the experience.

The Daytona Club will hol their Annual Hamfest the wee end of September 3 and 4. Clyd or any of the gang will handl reservations for Elinor Villiag The Hamfest proper will be a the Teenage Center Pavillio just across the road from t Coquina Hotel, where it was hel last year. Bring the family an a picnic lunch. It's right on t beach, so swim suits will be t uniform of the day for the fam ily.

FLORIDORA YL NEWS

By Fran Adams K4PPX

K4ANR - Ruth es OM W4FE Art joined in on the fun at the "Pizza Party" at K4RNS/RNR QTH. Enjoyed the pie and meeting K4DNL - Olivia, W4-YEK - Nita "Georgia Peaches".

W4BAX - Kathy went to the YLYR Convention and had a big time. Waiting on some news of this trip. W4BIL - Fran haven't heard from in 2 weeks hope she moved into new home. W4CWV* Annette is NCS for the month of July. Had a wonderful time in romantic Mexico.

W4GGQ - Betty had a visit from K4PPX and family. Found Betty up to her ears in "Florida Skip" and 3 beautiful sleeping kids. We compared notes on our children. (Editors note: Come again soon.)

W4HRC - Little Bo finally had a chance to check into the 40 Meter Net, but to her great disappointment the net was called off due to QRM. Just can't win, can you Little Bo?

W4IUR - Mim has a new huge Refrigerator — to keep our cool gallon in? Mim's OM is working hard with the Daytona Beach Hamfest. W4KZT/5 Lucille ure was busy during the YL/OM Contest. K4HSC - Meg has been one of the few able to work the gals on the 40 meter net from Ga. no less.

Our deepest sympathies goes to W4LPR - Adele over the sad loss of father. K4PPX - Fran received 3 more 6 meter certificates. K4PVT - LaVelle moved to Hollywood. Will be soon checking into the 6 meter net. K4RED Lucy did a FB job as NCS in June.

K4RNS - Marge had a "Pizza Party" at her home es had a gang there to enjoy the good pies. She entertained: K4DNL, W4YEK, W4IUR, W4SDR, K4-ANR, W4FE, K4PEX, W4DOC, and their families. Sounds like a small Hamfest. Hi. While operating SSB, Marge was able to break into a QSO going on with a W8 and K4OYR - om of K4-MDZ - Mary. Marge was thrilled and surprised to talk with Pat and Mary.

K4RCX - Jeri dropped her "N" and just completed building a Heathkit VFO to go with her DX-40. Listen for her gals, she's an active one.

K4UIZ - VE visited Daytona recently meeting the gang there. W4UF - Dot is leaving July 13 on a "Round the World" Trip. Hope to get a full report of this trip. Dot did well in the YL/OM contest on CW, too.

W4WYR - Ev won 1st place (phone) in the 4th District in the YL/OM contest. Congrats EV.

Repeating myself again, due to conditions on the band I have been unable to gather much news. You gals, that have news please send to me.

KN4DRX - Anne reports that the Floridora YL Novice Net is also having quite a struggle with the long skip conditions making it very difficult to gather up news. K4RCX - Jeri is net control for the month of July. Cheer up gals it's only temporary.

Happy Birthday Floridora YL's:

Aug. 3 - KN4BDD; 6 - K4-MDZ; 7 - W4TDK; 10 - WN4-ZHC; 12 - K4IJM; 12 - KN4-RDX; 20 - K4RGR; 24 - QTQQ/4; 26 - K4OEP; 30 - W4KZT; 31 - K4YKD.

FLORIDA SIDEBANDERS

It is with sincere and deep regret that we record the passing of W4ZB, Pat McVickar, of St. Petersburg. Pat was one of our charter members but failed to answer roll call on Sunday, July 10, having joined the Silent Keys. The Florida Sidebanders observed an official minute of silence in honor of our departed friend.

We also note with regret that TONY, W4JQ has had to give up most of his activities for a period of hospitalization. We all join in wishing you well Tony and hope you and your sasparillas will be back soon. Tony's address is as follows:

Anthony Litschauer, W4JQ
Southeastern Fla. TB Hospital
Lantana, Florida

Drop Tony a line, I did, and immediately received a nice answer from him.

The new slate of officers, reported in last months column, have taken over the reigns of the Florida Sidebanders and the organization continues to get along on an even keel. One change has occured though, TONY, W4JQ, was forced to resign as Vice President elect by reason of health, and BURT, W4CNZ was elected to fill that position. So our second in six months of existence is now well underway, and much credit is due that founding officers, W4-KTN - Mort; W4NKW - Chuck; and W4GJI - Tip.

The Florida Sidebanders will continue to meet on 3940 KCS at 1700 on Sundays. A vote taken on July 3 turned down a proposal that the meeting time be changed. It was the concensus that signal strengths, QSB and QRN could be lived with, until better conditions prevail in the fall.

PET PEEVES

Guys who say QRM or QRN when they really mean QRS.

Characters who try to make a rag chewing net out of a traffic net, and waste every tfc. man's time. Also guys who try to push unimportant traffic on a rag chewers net and can't understand it because some people won't play western union.

People who don't take Amateur Radio seriously enough (some of the stuff I hear on the bands is really nauseating, and the title "ham" sure fits.)

Also people who take Amateur Radio too seriously, after all it's only a hobby, and not worth getting high blood pressure over. (Somewhere between the two extremes there must be a sensible middle road.)

Jokers who think that the mark of a good operator is the ability to keep up a continuous monologue of chatter, no matter how trite or dull, or full of nonsense or technical misinformation. Actually the good operator listens much more than he transmits, and always before he transmits.

Do you have something on your chest you'd like to get off? Send in your PET PEEVES. You don't have to sign it, if you don't wanna. Editor.)

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HQ—170	VALIANT	NC—303	ELMAC AF-68
HQ—180	RANGER	NC—400	GONSET GSB-100
HC—10 conv.	10m Trans-cvr	HRO—60T	GONSET GSB-101
	6N2 Converter	VFO—62	

DAYTONA BEACH AMATEUR RADIO ASSN. INC.

DBARA Inc., resting up after Field Day activities, so they can put their energies into preparations for the Gabfest to be held Sept., 4, at the Ellinor Village Recreation Center corner A1A and E. Granada, (across from Coquina Hotel), Ormond Beach. Special week end rates at Ellinor Village for overnite guests, write W4SDR Clyde Mashburn, 25 S. Halifax Dr., Daytona Beach or direct to the Village for reservations.

Reservations must be made no later than Aug. 10th to insure availability and also to enable the Village to centralize all Amateurs around the Hospitality house which will be open from noon Saturday until ? Snacks & drinks available on the Hamfest premises, swap shop, lots of nice interesting prizes. Get together supper Saturday nite - possibly at the TROPICS at Ellinor Village Shopping Center. Adm. to Hamfest free, tickets on drawing .50¢ each. Come join the fun on the World's most famous beach. Bring the whole family, even the dog,DBARA welcomes you!

Gossip-K4AM had minor surgery on his lip. K4ESI-our big policeman had his tonsils out, kept him from operating FD. W3HLS / 4 still waiting for his "4" call; K4KPF and his XYL burnt (literally) up the ole typewriter typing envelopes for the club. W4IUR / VNA don't know what to do with all the ice cubes from their beautiful new 2-door refrigerator. W4FZV also did some pounding on the typewriter for the club (nice picture of Milt in Daytona paper.) K4KTQ busy working for the summer at a gas filling station. K4LLF haunting the 40 meter band now that school is out; W4LZT the ole SSB DXER with a doll of an XYL doing his "all" for the club's 10 meter FM equipment; K4MAB-see his picture in the Daytona paper the other day?

W4NEE giving his time, energy and xytals toward the club's 10 meter gear, hoping for a boy or girl in Sept. (shhh); K4PAC the boy that ran the club's letters off, TNX Jack; K4RNM finally found out how interesting YLs can be-cuts down on his "hamming" tho; K4RNR / K4RNS resting after visit from daughter and family, and Field Day, planning for Hamfest, giving the HT-37 a little work out.

W4SDR got bogged down for FD but operated from the house on 2 and 10, looking for all the Gabfest reservations he can get.

K4SDW glad he is to remain in Daytona, we would miss his pleasant face and voice on Channel # 2. K4UJW and XYL going on northern vacation trip for a few weeks.

Congratulations go to W4PGL Lawrence Upson who finally secured his license after studying hard for quite some time. His XYL Ruth, who is an honorary member is in Bunell with her mother who is seriously ill, our thoughts are with you Ruth.

The local AREC Volusia Co., Net, with K4UJW Adam as E and K4RNR Jim as Assit EC and W4-SDR Clyde also assist. EC have named their net which meets the 1st and 3rd Sunday of every month the VOLUSIA EMERGENCY NET. (7225 kc 1330 hrs)

Some friends are like blisters. They show up when the work is done.

(Quote and Unquote)

GET UP AND GO

How do I know my youth has been spent? Because my "get up and go" has got up and went but in spite of all that, I am able to grin when I think of where it really has been.

Old age is golden, I've heard it said, but sometime I wonder as I go to bed my ears in a drawer, my teeth in a cup my eyes are on the table, "till I get up.

Ere sleep dims my eyes I say to myself is there anything else I should lay on the shelf? And I'm happy to say, as I close my doors, my friends are the same as in the days of yore.

When I was young my slippers were red, I could kick up my heels right over my head, When I grew older, my slippers were blue, but I could still dance the whole night thru.

Now I am old, my slippers are black I walk to the corner and puff my way back, the reason I know my youth is spent, My "get up and go" has got up and went.

But I really don't mind when I think with a grin of all the places my "get up" has been. Since I've retired from life's competition I busy myself with complete repetition.

I get up each morning, dust off my wits pick up the paper and read the Obits, If my name is missing, I know I'm not dead so I eat a good breakfast and go back to bed.

Author Unknown
Meg Hennon - K4HSC

SKIP FEEDBACK

August, 1957

Operation Alert biggest yet . . . W4ACBB, W4HIZ, W4PLB, W4DUG, W4SEA, K4AG and W4UHY State NCS. . . . . SKIP reaches into Persian Gulf via MP4BCG / W4GNC'S subscription . . . . .W4AZK and W4IYT having trouble with Uncle's mail system . . .Skip copies lost in mail . . . . W4QLC announces proposed all Florida Field Day contest with perpetual floating trophy . . . . brothers reunited by amateur radio . . W4EHW does excellent detective job and with W4WS cooperating, two brothers are reuniting after 20 years . . . .

W4ZB sits in Old Timer's Chair for August . . . Poem about Old Goats . . . Broward Club reports W4MBR had to rework his 32V during field day . . . .K4KGZ used his SX100 and W4AHZ used his beam . . . K4KDN announces the FSN . . . to operate at 12 w.p.m. or less . . . . W4EGB net manager of TPTN . . . . FEPN has W4HUY at helm with W4TWR as alternate . . . W4ZXK welcomes KN4PME, KN4PMF and W4RNV on two meters . . . SEC (W4IYT) announces reorganization of FEPN with W4NQW in drivers seat . . . . K4BNE reports for FMTN on W4BNM'S travels, . . K4CHB's harem from Ohio, . . . W4FPC, W4KQR, K4LFA and K4BNE in process of erecting antennas . . . for CD station atop St. Pete

Silver Springs Club reports W4HCQ has 4-250's on air . . . K4CZL on all bands both voice and c.w. . K4ANJ has hands full of harmonics . . . W4DVR working on next years hamfest . . . . Fort Walton Beach news tells of club officers . . . they are W4MFY pres., W4RRF- vice pres, W4RKH Sec-Treasurer, W4WKQ- Activities mgr., and K4GEV-Editor . . W4HGO discovers half-gallon of water in his traps . . . . .

Skip congratulates Ham Salad, Band Spread, Jars Beam, Sparc Gap and Ground Wave as mighty nice bulletins . . .Flamingo Net reports on Gold Coast Marathon with W4NJM, W4MD, W4LGA, W4CUR, W4WYS, W4BYG, W4vTJ, W4BMR, W4ZPO and W4DTJ and others doing nice job . . . . K4ENW and K4LFA plan a merger . . . . . K4AKQ and W4BKC report that W4AEP has been elected Master Oscillator and W4BVG Speech Amplifier of Knights. . . . W4BVG installed trap antenna for W4DWI . . . W7CAA, W2OGU and W2IAM newcomers to Orlando area . . . K4KNB returns from Yankeeland. . . . . .The Novice Get-Together by KN4LJX reports speed demons for month are K4KQO, K4HLA and KN4LZS . . .the high power boys are KN4MAV, KN4MLM, KN4MZK . . . K4PAE in hospital . . .W4PMD president of Gripe Club . . . W4LMG moved to Winter Haven . . . K4CTU announces dx column . . . K4IRZ entertains SPARCYLS at her new home . . .W4GXZ and W4COW move to New Jersey . . . Ken, W4LMT, the iron man of the traffic nets says FPTN operat- at seven a.m. on 3945 k.c. . .

Key West reports via W4KOH that W4KGJ made a certificate presentation to W4NQW after a beach party followed by a buffet supper . . . W4GGO and W4KOH had a Floridora eye-ball . . . . SKIP regrets the passing of K4-PJK, a great friend to the amateur radio fraternity.

FLORIDA SIDEBAND TRAFFIC NET

THE FAST NET

On Monday, July 11 at 1930 hours a new venture was undertaken on 75 meter SSB. Your reporter, W4CNZ, of Key West started, what I hope will be another good traffic net in Florida to join the already existing nets which do so great a job.

Ever since coming to Florida last year, I have been impressed with the number and the quality of the Florida Traffic Nets. However, it was noted that no SSB net existed. Encouraged by many I took the giant step on 3910 KCs at 1930 on July 11 as indicated. At this time the first meeting of the FLORIDA AMATEUR SIDEBAND TRAFFIC NET (FAST NET) took place It was a modest but hopeful beginning.

The FAST NET, like other Florida Nets, is devoted to handling traffic but differs in some particulars. First of all it is a Single Side Band Net; more important, however, there is no roll call. The NCS merely calls for alphabetical groups of stations to list their traffic, then calls for stations which can handle this traffic. Thus the FAST NET is FAST, with a minimum of time required to complete all business of the net.

We hope soon to affiliate with the NTS and other traffic organizations and also hope other SSB stations throughout Florida will monitor 3910 KCS at 1930 hours Monday through Friday, to handle traffic designated for their areas.

Burt - W4CNZ

T. PETERSBURG AMATEUR RADIO CLUB

Cathy Seds, W4BAV

SPARC and the Suncoast VHF lub joined forces to participate the National Field Day, held r a 24-hour period June 25th id 26th. It took a lot of work, it all agreed it had been fun id worth the effort. Vinoy Point oked like a real antenna farm ith beams, trap, ground plane id numerous varities of antenie. A large tent served as a cial point for VYLs and those terested in coffee, a social gabst or looking at TV. Surroundg this, were smaller tents, the D. Communications truck and 4KQR - Doug's small trailer. ach group had a chairman and was up to them to get their uipment, antenna, etc. set up id operating. There was: 10-15- meter phone group - W4KQR Doug and W4TZW - Thor; -80 phone group - W4HTH - i; 20-40-80 cw group — W4-Y - Bob and W4FPC - Mac; and 2 meter phone group - 4LYS - Jim; and SSB - W4 TN - Mort. All operated under PARC station call, W4GAC, usg the Club's generator; the D. truck also had its generar operating. The tedious job going through logs of all ese groups and figuring scores now under way.

Ex-WN4GRQ - Shirley, daughr of W4TLX - Jim Clark, beme the bride of Reg. M. Tomlin st month and will reside in keland, Fla. We wish them any years of happy married e.

W4WPF - Marvin and XYL, is - SWOOP, attended the S. ARRL Convention, in Atlanta, a., June 4th and 5th. They saw 4IYT - Andy, W4ZD - Bubber rn, and many other ham friends. They managed to walk off with some prizes also.

W4BIL - Fran and O. M., W4-WME - Bill are not to be heard on the air these days, due to their being busy moving and getting fixed up in their new home. The Shack will be moved soon and when they come on, look out as they will probably knock you off your seat. Hi! Their shack is going to be the envy of many.

W4BAV - Cathy cannot get down off "Cloud 9" since her wonderful vacation. Visited old playmates in Baltimore, Md.; K3LFZ - Esther (ex-W4LGJ), in Levittown, Pa., who accompanied her to the YLRL Convention in Cambridge, Mass., after which they took a tour of Boston, visited Long Island and New York City. WIFOF - Eloise (Cooky) MacLean, won the Guest Book at the Convention, which was donated by SPARCYLS. K3LFZ and W4BAV came home with three prizes, so the gals did alright at the Convention. For more on the Convention, see SKIP column by K4PPX - Fran as W4BAV sent report as per request of K4RNS - Marge, President of Floridoras.

K9UQX - Lowell White (ex-W4DBA), of Chicago, Ill., who many of the Old Timers will remember, paid a short visit to St. Petersburg and contacted many of his old ham friends. K9UQX has a schedule most every Saturday afternoon with W4GGJ - Doc.

Attention is called to all "Certificate Hunters" that the Suncoast VHF Club now has a certificate, which is available to those sending in QSL cards, K4-EAC - Hilda, for working 6 of their Club members. Contacts must be made after June 10th and QSL must have Club sticker on it to be valid.

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DX IN FLORIDA

by C. J. Bolvin, W4LVV

This DX is getting real tough these days—yep, a feller almost has to have a rig on more than one band to work WAC in an evening of DX chasing! Wonder how many of you are saying "Remember the good ole daze? I worked 50 countries with a DX-35 and a dipole on ten!" How different it is now—for example, the only new ones for K4YCW this month were ZK1, BV1, KG6ICD on Marcus, and W8UTQ/3V8 with cards from CR8AC, VS9MB of the Maldives, FR7ZD, and W2AYN/EP for a 183/153 total. Pore ole Al, W4FVR, could only find MP4MAB/4W1, ST2AR and VS9AZ on 2-way SSB. K4LRA notes that his log entries contain only such uninteresting items as HC8GI and UR2KAE on 21 fone, CT3AB on 21 CW, W8UTQ/3V8, HZ1HZ, KG6ICD, ZD2JKO, VR1B, IS1ZUI, ZK1-AR, and VK8TF, which is the new prefix for VK Northern Territory in case you didn't know. W4GMR was intrigued by 9Q51G, as was W4AZK with 601TUF. You once knew these two as OQ5IG and I5TUF, but they are sporting new prefixes with the information of the Republics of Congo and Somaliland. New DXCC countries?—wish I knew! ! As we write, PX1PF keeps the low end of 20 hot. W4AZK, 279/260, says there is a VK9 active on Nauru, HV1CN on 21410 SSB made K4-CTU's ears stick up, and W4-LVV was slightly amazed to hear 7G1A, also on SSB, being qrmed by HV1CN on the above frequency at 1845 GMT. W4CKB visited W4BPD and got first hand info on Gus' four to six month expedition scheduled for start sometime in August. Winter Haven's K4IIF, after a fine start in dxing as a Novice, adds ZL and CT1 on ten phone. He is now QRX for a number of cards from Central and South America plus CR6, which he hopes will give a good start toward DXCC. Other recent 100 plus tallies have been made by K4YWZ, K4QBP of St. Augustine, and Ft. Lauderdale's W4-NYF. W4EEO worked new ones VS4JT and HKAA on 14-SSB. W4IYT surprised the gang and reported in on the F-DX-C 7210 Sunday 1500 GMT net. K6BX has taken over W3-RPG's Directory of Certificates for those who are interested in adding new Worked All DX wall paper. A note to Clif will get you full dope. The W4KVX "DX" seems to be back in full swing, and the "Yasme Newsletter" from KV4AA arrives regularly, packed with Dick's usual fine dx info. Need these? 9N1GW, 1230 GMT, 1406 CW; ZS7R,, 1400G, 14060; KM6BI 14320 SSB, 1230G; SVWZ/Crete, 2200G, 21 CW; 9Q5HF, 21400 AM, 2000 G.

73 Chuck

FORT MYERS CLUB NEWS

The summer doldrums are with us it looks like. Lots of the gang are on vacation, and the rest of us wish we were. The FMARC is still doing pretty well attendance wise (29 at the last meeting) and we invite all visitors to the Lee County area to meet with us on the third Monday each month. We didn't set any records on Field Day, but had a darn good time, and bet not many clubs had a prettier spot for a weekend than we did no the banks of the Caloosahatchee River.

Next activity coming up is the annual JOCO drill, in which we again hope to participate as we did last year. Understand it will be quite an operation this year and we are looking forward to this. See this issue of Skip for more information.

Local Spatter — Sure was saddened to hear of the sudden passing of W4ZB, Pat. His big signal will be missed on 75 meters.

W4PJG and K4KET spent two weeks at summer camps as guests of the Air Force and Army, respectively.

K4GUS has joined up with Army MARS and is quite active on the nets and in Coast Guard acitvity. Ken has a rig on his boat powered by a 500 watt generator. His XYL Dot has the Call W4MUY, and hopes to be active in emergency communications work from Ft. Myers Beach.

K4OBD's XYL Estelle was in an auto accident, but luckily it was not too serious even though the car was pretty well wrecked. Mike has just moved to a new QTH on Sunbury Rd.

K4ZIF took a 40 meter portable rig with him to Forestry Camp to keep in touch with the folks back home.

K4GAF keeps 40 meters and 15 pretty hot these days. He has a new beam for the high bands, and puts out a good signal with the Elmac on 40.

W4SMK is getting his feet wet on SSB with a new HT 37 and uses a GPR 90 and slicer as a hearing aid. Hope to meet a lot of web footed friends on 75 and 40. Keep an eye on the Skip and 73, Ken, W4SMK .

F. D. - DAYTONA BEACH

DBARA Inc., participated in Field Day June 25-26th, on the banks of the Tomoka River in Tomoka Jungle, Ormond Beach. Over 500 contacts were made including Hawaii and Porta Rico, Canada, Guam, Midway, Alaska W. Indies & Can. Zone. Club station is K4BV (Big Voice of Daytona) Bob Witt, Act. Mgr., (K4ESI assisted by Ike Smith W3HLS/4 Asst. Mgr., were in charge of the operations. Charles Faraldo and Louis Porter K4OVQ were in charge of chow.

Two stations were in operation one for CW, the other an HT 37 Side Band with SX 101 for Receiver. About 25 members participated including K4BYU Jerry Rutan; W5FZV Milt Curry; W4HNV Jim Upson; W4IUR Mim Cook and K4VNA Walt (were in charge of the ice brigade. K4-LFF Jim Hall, W4LZT Charles Bivens, W4MEL John Spiegel, club President; W4NEE Charlie Anderson, K4OVQ Lou Porter; K4PAC Jack Housley; K4RNR Jim and K4RNS Marge Campbell; W4SDR Clyde Mashburn manned the 2 meter station at his location to maintain communication between Hamsite and town; W4-UHL Guy Warren, and W4PGL Lawrence Upson, K4BHK Vickie Felisko, Bob Fusinata KN4VOZ; K4KTQ-Joe Atwater K4JQI-Jesse Howe; W4AIN-Steve Cicardo.

Members took turns operating, logging, eating and sleeping.

A fine menu including chicken and rice for Sat eve supper, pancakes and eggs for Sunday morning breakfast, with Goulash for Sunday dinner, plus cakes brought by W4IUR Mim and K4RNS Marge, plus hot dogs, and watermellons, with lots of coffee and cold drinks.

Communication was also maintained on the 10 meter FM net frequency from the hamsite monitored by K4RNS Marge, on Saturday, before she left for Hamsite Sunday. No casualities-only worry was getting stations set up in time-so far-don't think anyone lost anything but sleep. K4RNR found a hole in Corvette top from campfire. Oh well!

73 K4RNS Marge

CERTIFICATE HUNTERS

The Suncoast VHF Club in St. Petersburg now has a cerificate, which is available to those sending in QSL cards to K4EAC, Hilda Johnson, St. Petersburg for working 6 of their club members. Contacts must be made after June 10th, 1960 and QSL must have club sticker on it to be valid. All contacts must be on VHF, of course.

TAMPA RACES

AREC OPERATION

Joint RACES/AREC operation on June 18, 1960 held at the Britton Plaza Shopping Center from 1100 to 2030.

The Hillsborough County Civil Defense had on display and in full operation the mobile communication truck. Emergency power was supplied from the mobile power supply mounted on a trailer at the rear of the truck. Equipment in the truck consisted of: Johnson Viking 500 and Collins 75A4 operating on 40 meters, a Gonset Communicator III operating on 6 mtrs., and the Gonset Twins, G666 and G77, operating alternately on 15 and 10 meters. Three completely antenna systems were maintained.

Simulated hurricane messages were handled at this unit for the educating of the public at 1400, 1600, and 2000 hours.

Television stations gave us complete coverage on their Saturday News programs which were well filmed and narrated.

Operators assisting at the truck included: W4HZY, K4-AQM, W4UHF, K4EBT, K4YOQ, K4FTV, W4NQX, K4LLG, K4-FHZ, K4PHF, K4VLD, K4EQH.

W4HZY, Helen, and K4AQM, June, also distributed Civil Defense literature to the public and assisted anyone desiring to send a message via amateur radio. A total of 50 messages were handled.

Stations checking in throughout the day on 6 mtrs. included: K4RTN, K4QNV, W4UHF, K4-FHZ, K4FTV, K4LLG, all of Tampa; W4VCX, Limona; W4-GRW, K4RHJ, K4LHP, K4IKX, K4FWJ, all of St. Petersburg; W4BHB, MacDill Air Force Base; W4JIZ, K4TOK, of Clearwater; W4LLC, Bradenton.

During the days operation, contact was also made with KZ5SW, of the Canal Zone. Also, two incoming messages were handled from Ohio on 6 meter skip.

The entire RACES/AREC operation was under the direction of Jim Apsey, K4YOQ, who is EC and CD Radio Officer for Hillsborough County.

K4YOQ/4 serves as the official call for all Civil Defense radio operations.

Milton I. Faivre, K4EBT
Assistant EC, Publicity

ONE OF US: In Illinois, a man was arrested for the third time for stealing the same portable radio. He explained: "I just love that radio."

(Crooked Smiles - Coronet)

VHF IN FLORIDA

ALLEN A. ENGLEMAN W4RMU

50MC was still going strong at mid July with sporadic E showing itself many times the past month. K4PPX, Fran Adams, Fort Lauderdale, was another Florida station who picked up the state of Colorado during the June VHF contest. This makes Fran 40 states on 50MC. The past spring and early summer season was probably one of the most active for short skip. sporadic E, propagation that Florida stations can remember. The presence of double hop to the west coast however, was lacking. No report have been received to date on double hop to the west.

Ionospheric scatter contacts are picking up since the exclusion of A3 from the first 100KC, but conditions for this type of propagation do not seem to be up to par so far this season. Conditions should improve during the latter part of July and throughout August, since this time of the year is peak for meteor activity, which always improves ionospheric scatter conditions.

144MC opened up to as far north as Virginia for three days latter part of June, 28th, 29th and 30th. This was not a very strong opening. The KW stations were about the only ones getting through. Work between Jacksonville and Miami 360 miles path, was slowed down considerably, mainly because of vacations and K4IFI going to low power as he used the 144MC amplifier for 220MC. Plans for work between these two cities on 220MC for the next few months should bring good results.

W4RMU is planning MS work on 220MC during the coming Perseides meteor shower in mid August.

W4RMU is planning uc8

W4DQS Takes CD CONTEST

H. Dale Strieter W4DQS, 928 Trindad, Cocoa Beach took top honors in the April ARRL CD Party. This is the first time in many years that an Eastern Florida (or Western) amateur walked off with first place.

Dale made a grand total of 243,545 points.

Others who took part in Eastern Florida: K4IXC 117,410, W4-WHK 92,625, K4GBS 52,140, K4-DRO 21,340 and K4KDN. Wester Florida: W4AXP 60.

Anyone wishing information on how to get in the CD party, write your SCM. Florida SCM's are listed on Page 2.

FLORIDORA YL SIX METER NEWS

Fran Adams, K4PPX

K4ACF Nancy has just co tacted her 25th SHOM. Co grats, Nancy. K4CDX Johnn has been giving out with tl Floridora contacts during the 6 meter openings. W4FEU Ar now has her RCC which is prou of. Ann has been giving out bi names to those checkin to tl early bird (confused) net.

W4HGT sold her home ar now is living with her mother-i law. Hopes to set up her statio soon. K4JGU Mildred is on he way to Canada till Sept. whic then will be her son's weddin

W4LPR Adele sold her hom and bought a new one which i not ready as yet, so she will b staying at a Hotel on the beac and operating mobile. Some pe ple get all the luck.

K4PPX Fran has finally work ed Colorado and Maine as ne states bringing the total to 4 states. Fran worked K4MO Betty in Tennessee. Betty is Floridora till the spring sh says and misses Florida and say HI to all the Floridoras.

K4RCX Jeri received he general license but still operate on 6. Jeri says 6 meters is jus grand band to work She ha been getting new states and giv ing Floridora.

No news from the Centra Floridora 6 meter net, K4ARN Ruth. Could be Ruth has bee DXing. Been hearing the fellow and gals calling her. How abou it Ruth?

A RIG FOR THE BIRDS

American Electronics Labora tories, Inc., recently disclose that it was winding up work o a lmw transmitter which th Navy will attach to a pigeon.

The project is expected t shed some light on the migra tory problem and other habits o birds.

The Office of Naval Researc for whom the work is bein done, said it may specificall lead to the elimination of bir interference with aircraft o runways and in flight.

American Electronics engi neers are also working on a har ness that will provide the pigeo with complete freedom of move ment.

The transmitter, which ha been under development by th firm for about one year weigh 2 ounces and operates at 30 m with a line of sight transmis sion of information about thei and organizational structur could be an enormous benefit t the commercial fishing industry (METRO MODULATOR)

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SICK LIST

The many friends of Freddie Frick, W4BN, Manager of Thurow Electronics of Miami, Inc., are pleased to hear that he is recovering nicely at the South Miami Hospital after his sudden illness.

His many friends wish for him a speedy recovery and an early return to the "HAM BAND".

Half the questions a woman asks a man are only to make him feel proud to be able to answer them.

(Irish Digest)

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W4ZPO — DICK

SOUTH MIAMI RADIO CLUB

Joseph Caplano, Jr. K4VEW

What's new around South Miami lately. Well, most every one is coming or going on vacation here. The last excitement we have had was field day, and that was out at Crandon Park. We did not come in first, but we certainly had a very good time.

Jerry - K4SXO - is leaving Miami in August. He is going to New Orleans, La. Good luck to you and yours. Jerry also wishes to thank the Club and the many friends he has made in Miami, for all the many happy days and years he has spent here.

Chop Chop Bob - W4DTV - is running a new TA33 Jr. at his QTH. Bet you could really get out if you put that beam on the tower at the C. D. Center.

If anyone wants to know anything about banyan trees, or coonut trees, ask Dick - K4JJQ -. He suddenly became an expert last month while working K4TR V. Note - this is a private joke that only he can answer. Hi.

Carl - W4KPG - finally got a ZL. For a while there I believe he felt that there wasn't any such call. What do you need now Carl?

Heard a rare one on 10 meters the other night. It was Mark - W4SJZ.

Would still like to know if any club in Florida can beat our record of four sets of twins. There are Andy - W4IYT, Mark - W4 SJZ, Jerry - K4SXO and Joe - K4VFW.

Have you seen the latest in small beams yet? Wait until you see the one that Bob - K4

We normally don't print pictures of just equipment, but here is a commercial looking console designed and build by C. R. Taylor, K4EGG (Ex-W8IXX, Columbus, O.) 2845 61st Street, Sarasota, that we thought you'd like to see. As you can tell, Mr. Taylor prefers "Heathkit". The Apache, Mohawk, Seneca 2 and 6, the converters for 2 and 6, plus other Heathkit equipment is built into the console very neatly. Note there is plenty of unused space below and to the right of the panel. Prhaps K4EGG would write us a short story on how much it cost and haw he went about building it. Now wouldn't a console like that make

MKM - is working on. It is out of this world. It could fit in any large hat box with room to spare, too.

Reasons for not hearing QRM from the following:-

Ernie - K4KIC - Busy painting QTH.

Joe - K4ZDQ - Wife sick. Get well Peg. We miss Joe.

Jerry - K4SXO - Studying; trying to water ski!

Dick - K4KEG - In love, wit new car.

Frank - K4UUO - Busy mal ing money.

Al - W4ELR - Just what your reason?

Phil - K4YXK - Selling shoe

Have you gotten your S.M.I C. Award yet.

The South Miami Radio Clu meets on the first and thir Friday of each month at the C D. Headquarters. Stop in som time, we have the best coffee i town.

Flat Toppings:

Mort, W4KTN owes a few e planations on his marked absen from 3940 and 3910 KCS.

Chuck, W4NQW sure has h ups and downs — all the wa from 3900 KS to 3920 KCS.

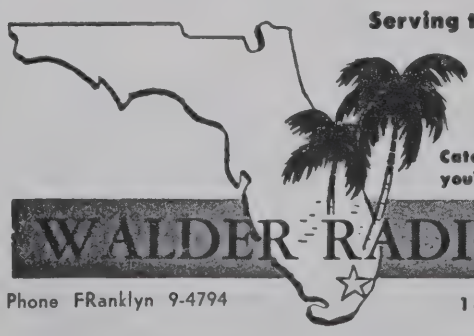
Max, K4ODS now on SSB wit a signal that's nice to hear.

Jim, W4ZJ discovered an ama ing fact. A final tank coil pu out infinitely more RF when n shorted out.

That's SK for this month an my "evil eye" timer just wen off, so see you on 3940 KS 1700 Sundays, and don't forg the FAST NET, 3910 KCS 1930 Monday through Friday.

BURT - W4CNZ

GRAND OPENING
sometime in August . . . .
SPECIAL NEW HAM ROOM Now Under Construction -
Complete with Reading Library & Air-Conditioning



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"GOING FISHIN"

Although I have a rig that will operate mobile of my headaches in this field have been brought on by others. When I first moved to Fla. some 14 years ago another fugitive from the mountain country, Dave Heath - W4BMR exposed me to his magic ability of getting someone else "to do the work". Whatever is bothering Dave, is ACCORDING TO HIM, something he doesn't know a thing about. (Months later you find out that he is the authority but just keeping mum). Dave put an ART-13, 28 Volt Battery, Gen. alternator etc. - the works, in his Caddy, then he drove up one day and said "This ------- thing won't get out of the backyard, you are the antennna expert — tell me what to do". The rest is History now but some of you guys saw the Corona off the top of his whip antenna at the St. Pete Convention years ago.

Some 3 years ago I had the experience of making measurements with a G. R. 916 A bridge on some mobile whips that measured 52 ohms resistance at zero reactance. That has bothered me ever since and recently I got all heated up to try and find out why, because I never argue with G. R. bridge (anymore).

First, let me try and explain why this caused me so much bother. "According to the Book", the FCC, Dr. Brown, etc. "A full length, ¼ wave antenna about an FCC ground (wagon wheel of 120 radials, each at least one half wave long), will have a RADIATION resistance of 36 ohms at zero reactance. That means, at 10 meters the whip would be a little over 16 feet long and the ground would be at least some better than a car body offers. Now all this says is: That all the radiation resistance we can hope for, even with a 16 foot whip, is 36 ohms. Therefore any more 36 ohms would HAVE TO BE LOSS RESISTANCE, and this comes about in the coils, insulation, etc.

Jim Frye, W2JD, is in the "Fishing String" business (Marathon Line) and one day I mentioned that I couldn't find any good lacing cord these days. A few days later the postman arrived with a package from Jim and among other things, two large spools of 90 pound line. Now I don't lace that many cables and don't fish that much, so I had to find a use for Jim's products so I decided that if I could find some blank fiberglass rods, I would start winding some whip antennas. Jim told me quick where to get the rods and that started a lot of trouble.

My lathe was not long enough to take the rods, so I borrowed the tail stock and hooked one end of the rod on it. I put the one-half inch electric drill in the vice and used it to turn the rod with. Rigged up an old "VARIAC" placed within reach, to control the speed, then started a classic "Rube Goldberg" production. Well, to make a short story, I wound a lot of whips and spent days making measurements, I top loaded, bottom loaded, in between loaded, loaded all the way, spaced and unspaced the windings, — I even tried silver ploted wire and the best I could come up with, when mounted on the most favorable position on the car, was A LOUSY 30 OHMS, radiation-loss resistance and all. (But guess what, I could over or under wind the coil a little so that I got a reactive component in addition to the R, and my SWR bridge would show 1. 15 to 1).

From reading I gathered that a coil is a lousy radiator, so I got out the "Q" meter and started measuring the "Q" of the different rods I had wound. The "Q" said that there was a slight difference in the "staggered" winding method but nothing worth bothering about. From this, I made up the final whip which has the winding spaced a constant equal to the diameter of the wire (almost — I used number 18 enamel and Jim's 90 pound test line to space with) while this mess was turning in the rigging", I gave it several coats of clear "Krylon". The completed product checked LOUSY. This got me to wondering about the fish line being saturated with the Krylon, so I unwound the line after the Krylon had dried out good and measured again. My suspicions were well founded, I now had the best whip I had measured — but still just 30 ohms at zero reactance.

Maybe I will do better some day, but in the meanwhile, if you want to do better than 30 ohms at resonance, you will have to go driving around with a 16 foot whip for 20 meter mobile. That WILL GET A LOT OF DIVORCES — QUICK.

73 for Now Dick — W4GL

A sports car, so tiny it could be packed away in a steamer trunk, carried this sign: 'STAMP OUT TALL DOGS."

(Akron Beacon Journal)

CUT OUT A M?

I was talking to a fellow the other day and the subject got around to SSB as it always does. Him being smarter man than I am he done the most talking. He reconed as how it was the AM was on its way out. Well, that came as quite a shock to me as I've been on AM since I was knee high to a duck.

Me not being like most fellows, in more ways than one, I can take 20 words a minute code but to this date I ain't never had a transmitter which had a place for a key. To each his own I always say and I never did keer for CW. But let me say rite here I keer a darn site less for SSB.

They tell me to like something you got to first understand it and I guess there is where I'm fallin down I ain't modern enough and I can't take these changes as well as I used to.

Well you can't say I haven't tried to understand it as I tried for a long time to receive SSB but I ain't got nowhere. I done everything just like the book said. I turned on the BFO on my Sky Buddy and I tuned this SSB station in ever so easy. When I say easy, I mean I got him anywhere from 3800 KC to 3900 KC loud and clear. I never did know what he was talking about but I was having a ball trying to run him down until the XYL put a stop to it all She wanted to know why in the heck I listened to that mess because she knew darn well I couldn't talk back to this ferrer as I couldn't speak a bit of Chinese.

As I said awhile ago I guess you just have to cultivate a liking fer it like beer or long-haired music. As fer beer I never did get pass the smell but I did try long-haired music once.

I was studio engineer at a radio station down in Texas, that is where I'm from you know, and every Sunday evening the station manager had two hours of long-haired music. I spun the records fer him and made like I understood all about it. I like to eat you know. Well, he would sit there with his eyes closed and tell me all about what was going on. He had a record called the "Battle" there that lasted 30 minutes and it must have been a dilly of a battle by the racket they made.

As I said before he would sit with his eyes closed soaking it all in. I remember well one Sunday we were playing this record and he was setting in there like a possum on a stump and all of a sudden he sit up real quick and hollered, "That's the Storm"------and it must of been as I thought I heard the outhouse pass the studio window.

Well, so much for that. This fellow said that AM was taking up too much room on the ham band and it would have to be eliminated like the old spark transmitter way back yonder. Well, I'm all fer progress and all that stuff but I still see a few T models right along with their Blooper o's on the highways so I hope they leave a little room fer AM jus fer sentlementle reasons if nothing else. But if they don't I'LL jus have to make the best of it and borrow some SSB books.

Well that just goes to show you, you don't know what's going to happen next. Ho; Ho; that's life fer ye!

(W5TQY — COLLECTOR AND EMITTER)

PUBLICITY

Harry A. Tummonds, W8BAH, 2073 West 85th St., Cleveland 2, Ohio, has probably had more printed words about amateur radio than any other amateur. Harry has been writing a weekly column (long one) over a year in the Cleveland Plain-Dealer Newspaper. "HAM ANTENNA" is printed each Sunday and goes to over one half million people.

Mr. Tummonds has many good tips for club editors and has offered to pass them along to anyone interested in getting a weekly column started in your local paper.

After millions and millions of words in print, W8BAH knows of what he speaks. A true amateur for over 30 years, he always has time for a helping hand.

From the staff of FLORIDA SKIP, here's wishing you another 30 years!

TECHNICAL MANUAL

The War Department came out with a Electrical Communication System Manual during the war that covers all phase of communication from long lines to RITTY. It's 1,125 pages are chucked full of very useful information to the amateur. The manual sells for $2.50 and is called "TM-11-486." Write the Superintendent of Documents, U. S. Government Printing Office. Washington, D. C.

OPERATION MISS UNIVERSE

More than 7,000 beauty lovers lined a four mile stretch of Miami Beach's Indian Creek, July 4th to see the Miss Universe Aquarade, the first boating event in the pageant's nine year history.

Some 30 boats and yachts carried the "Miss USA" and "Miss Universe" contestants in a beautiful Aquarade, a sight long to be remembered by all.

Lt. Ted Schempp, K4ONY, of the Miami Beach Police Department, realizing the terrific communication problem involved to put on such an event, called a meeting of old timers such as W4DTJ, W4DTV, K4ITE, W4-KGJ, K4RRB, K4ZXL, W4ZXK and others to work out details. Ted got busy making official connections with Robert Oliver, Director of the pageant. Maps were printed, operational outlines were made and distributed to all amateurs who participated a week in advance, so they would understand the complete set up. Ted worked hard and long and it paid off.

It was decided to set up 3 control stations on 144.26 Mc to give complete coverage. K4RRB was located at the starting point at King Cole Docks, K4ZDV/ZEA took the control tower at the 63rd Street Bridge, and W4-DTV and W4SXO moved the Dade County Civil Defense communication bus into action at the turning point.

Other key stations, all using Gonset Communicators off the boat's batteries, were put aboard the Press and TV Barge (K4-ITE), U. S. Coast Guard "40" (K4ONY) and MBPD boat (W4-IYT). Mr. Oliver, Director, was aboard the Police Boat and was in continuous contact with his aids via amateur radio. Mr. Oliver, Director, was aboard the Police Boat and was in continuous contact with his aids via amateur radio. Mr. Oliver was overheard telling the press, "This thing would have been impossible without the help of these ham operators."

Other amateurs were spotted aboard about every third yacht to inform the captains how things were going. W4BWP, K4JIO, K4KUZ, W4MKE, K4PFB, K4-SLR, K4UGA, K4YSS, K4YWW, W4ZXL we are told loved every minute of the ride. The girls enjoyed listening to all the chatter over the Gonsets and of course talking to the amateurs.

The amateurs without a doubt provided a great public service. They all did a magnificent job and will be looking forward to next year's pageant.

WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

Perry: KQP visited N. Y. & Chicago radio stores while on vacation.

Tallahassee: TARC members participated in highly successful for WTAL radio, through efforts of W4MLE. These active were GAA, UEU, K4GXV, K4IYJ, K4JMN, K4MZT, & K4OHR. Both 10m & 2m were used; portions of the 2m traffic were rebroadcast over the BC station by special authority of the F.C.C.

Panama City: The P.C. Hamfest June 19th was well attended. K4OHR won the big prize. Plans are already being made for a bigger & better one next year. K4-CNY says kin-folks visiting him for Fla. vacations kept him QRL this month, hence the low traffic total of 405.

Ft Walton / Elgin AFB: The Eglin ARS and Whipsnappers mobiles provided communications for the parades during the Billy Bowlegs festival. In addition, they provided a decorated amateur radio float, bearing the 10m N.C.S. Communications was also provided along the route of a boat cruise from Panama City to Pensacola. K4UBR was on vacation in N.Y.; RKH vacationed in Ala., Ga., and Tenn., & took in the Atlantic Hamfest. Gulf Breeze:K4RIV and K4ZMV are only active hams at present.

Pensacola: The PARC installation dinner June 24th was a gala affair. Your SCM had the pleasure of installing the new officers, who are: President: K4-SWQ; Vice-Pres.: W4OOW; Sec'y.: K4SMB; Treas.; K4RSI

SKIPITS

"In the Spring a young man fancy turns toward things the gals have been thinking about all Winter".

Vital Statistics - If all the people who sleep in church were laid end to end, they would be much more comfortable.

Over 99% of the patients in English maternity hospitals last year were women.

If a fellow goes to church on Sunday and goes to the devil the rest of the week, the odds are 1 to 1 in the devil's favor.

Definition - A DX man is a fellow who sits up all night trying to talk to a stranger in darkest Africa, while he hasn't spoken to his next door neighbor in months.

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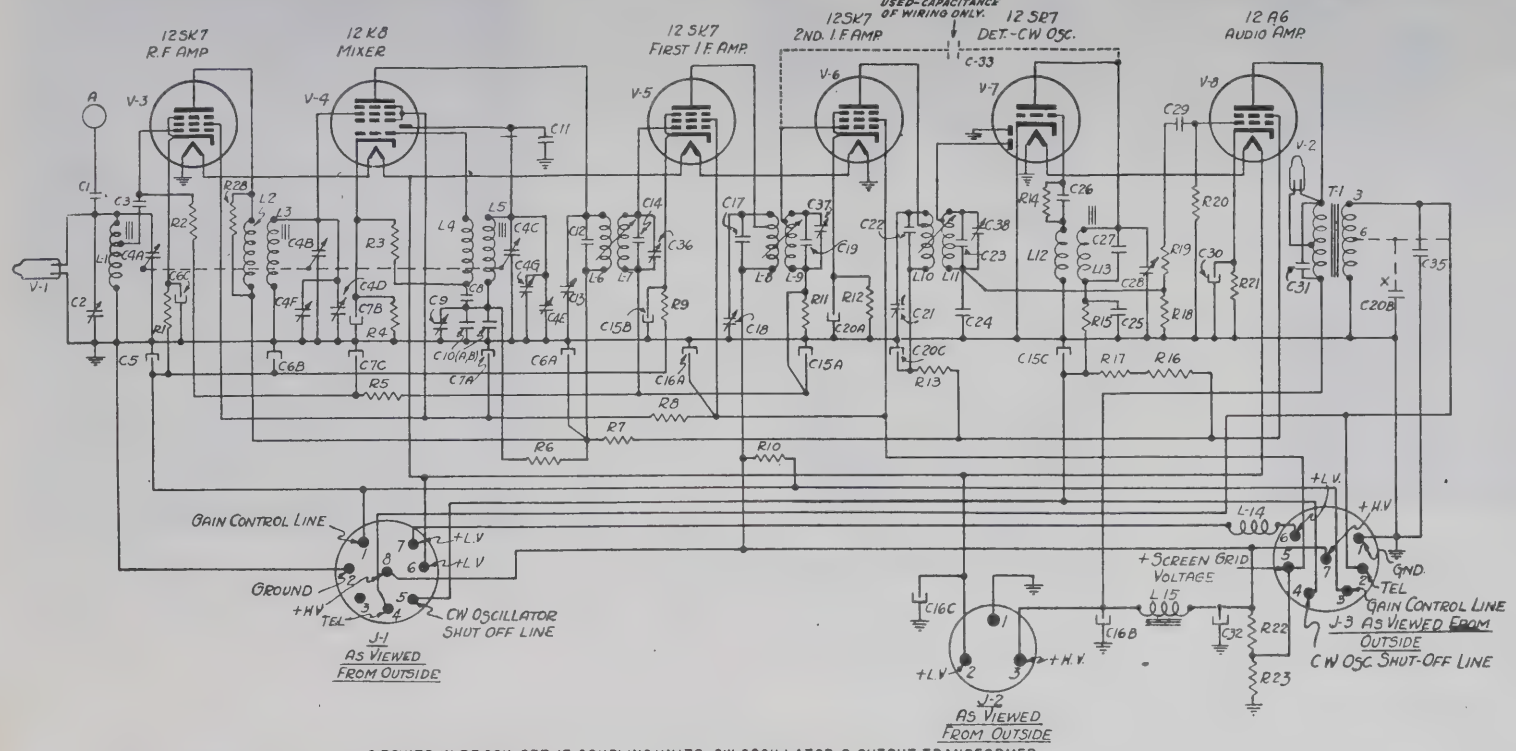
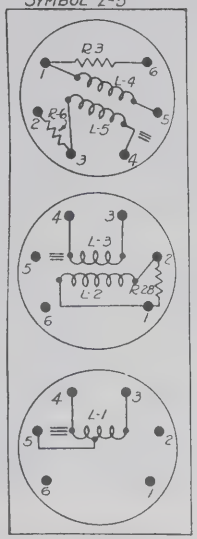


CAPACITANCES		INDUCTANCES		RESISTANCES	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	OHMS
C-1	11 MMF	L-1	ANT. INPUT	R-1	620
C-2	15 MMF	L-2, L-3	RF AMP	R-2	2,000,000
C-3	100 MMF	L-4, L-5	RF OSC	R-3	51,000
C-4(A TO G)	GANG(346 MMF)	L-6, L-7	IN FIRST IF	R-4	620
C-5	3 MFD	L-8, L-9	IN 2ND IF	R-5	150,000
C-6(A,B,C)	.05/05/05 MFD.	L-10, L-11	IN 3RD IF	R-6	300,000
C-7(A,B,C)	05/05/.05 MFD	L-12, L-13	CW OSC	R-7	200
C-8	200 MMF	L-14	RF CHOKE	R-8	200
C-9	40 MMF		112 MICRO-	R-9	620
C-10 (AB)	670 MMF TOTAL		HENRIES	R-10	360,000
C-11	3 MMF	L-15	AF CHOKE	R-11	100,000
C-12	180 MMF		3 HENRIES	R-12	510
C-13	17 MMF			R-13	200
C-14	180 MMF			R-14	100,000
C-15(A,B,C)	05/05/05 MFD			R-15	20,000
C-16(A,B,C)	.22/22/22 MFD			R-16	100,000
C-17	180 MMF			R-17	100,000
C-18	17 MMF			R-18	510,000
C-19	180 MMF			R-19	100,000
C-20(A,B,C)	05/01/05 MFD			R-20	2,000,000
C-21	17 MMF			R-21	1500
C-22	180 MMF			R-22	7000
C-23	180 MMF			R-23	7000
C-24	200 MMF			R-28	51,000
C-25	.001 MFD				
C-26	100 MMF				
C-27	335 MMF				
C-28	34 MMF				
C-29	.006 MFD				
C-30	15 MFD				
C-31	.001 MFD				
C-32	5 MFD				
C-33	WIRING CAPACITANCE LESS THAN 2 MMF				
C-35	750 MMFD (SEE NOTE BELOW)				
C-36	17 MMF				
C-37	17 MMF				
C-38	17 MMF				

CIRCUITS IN RF COIL SET, IF COUPLING UNITS, CW OSCILLATOR, & OUTPUT TRANSFORMER THE TERMINAL NUMBERS ON THESE UNITS AGREE WITH THOSE SHOWN AT THE CORRESPONDING LOCATIONS ON THE WIRING DIAGRAM

RF COIL SET
SYMBOL Z-5

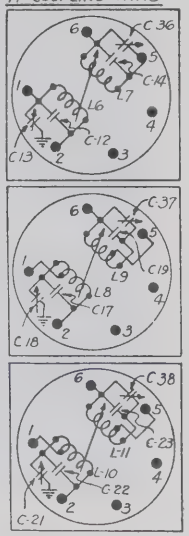


SYMBOL Z-5C
R.F OSCILLATOR

SYMBOL Z-5B
R.F AMPLIFIER

SYMBOL Z-5A
R.F ANTENNA

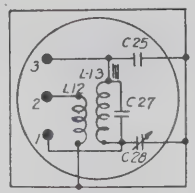
IF COUPLING UNITS



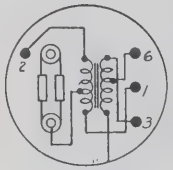
SYMBOL Z-1
1ST I.F
(239 KC)

SYMBOL Z-2
2ND I.F
(239 KC)

SYMBOL Z-3
3RD. I.F
(239 KC)



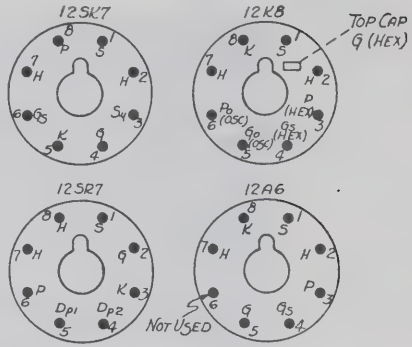
SYMBOL Z-4
CW OSCILLATOR
(239 KC)



SYMBOL T-1
OUTPUT TRANSFORMER

Ⓐ C.35 & TERMINAL 3 TO BE USED FOR 4000 OHM OUTPUT.
C20B & TERMINAL 6 TO BE USED FOR 300 OHM OUTPUT

TUBE SOCKET TERMINALS
AS VIEWED FROM BOTTOM.

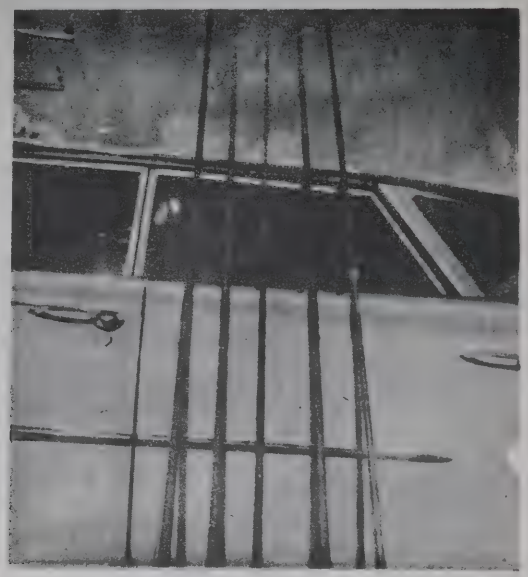


TUBE TERMINAL CODE

S = SHELL
H = HEATER
K = CATHODE
S_4 = SUPPRESSOR GRID
D_{P1} = FIRST DIODE PLATE
D_{P2} = SECOND DIODE PLATE
G = CONTROL GRID
G_S = SCREEN GRID
G_S (HEX) = SCREEN GRID, HEXODE SECTION
G_O (OSC) = CONTROL GRID, OSC. SECTION.
P = PLATE
P(HEX) = PLATE, HEXODE SECTION
P_O (OSC) = PLATE, OSC. SECTION.
G (HEX) = CONTROL GRID, (HEXODE SECTION)

Tom Wyatt, J., K4GJJ, Lantana, Florida, sent this one in of K4QFW, Palm Beach Junior College. QFW is issued to the SUNBURST AMATEUR RADIO CLUB.

Miss America with a smile for our Florida Skip readers.
(Skip photo)



Here are five of W4GL's homespun mobile whips. See S. E. Adcock's article elsewhere in this issue. (He's tops).

This photo was sent SKIP by the late Pat McVicker, **W4ZB**, of St. Petersburg. On the back Pat wrote: "1912 Wireless Room, SS Olivette, P&O S/S Co."

Here is K4CTU of the DADE RADIO CLUB (W4NVU) running up points during FIELD DAY on 15 meters. More pictures of FD next month. DRC's FD score was 7263 points.

HAMBAR

OTE: Florida Skip does not sume any responsibility for ndition, price, etc. of any item ted in this column.

This column is FREE to any Li-nsed Radio Amateur. There is no nit to the number of items an lividual may list. All listings are ncelled each month. If your list-; is not moved, it will be neces-ry to relist the following month.

LASSIFIED and COMMERCIAL ADVERTISING RATES:

To Licensed Amateurs; Buy, Swap, ll (non-commercial) — Free.
To Commercial Business; Classi-d, undisplayed — 50c per line; ustrative or General Display with rder — $3.50 min., $80 / page; tial cost of cuts, additional. Cuts rnished, no charge.
An Advertising inch is measured 8" vertically on one column, i.e., Columns — 40 column inches to page. Rate card by column inch pplied upon request. FLORIDA IP Inc., Advertising Department, O. Box 501, Miami Springs, Fla.

OR SALE: Two 2 meter FM In-strial Radio walky talky battery erated pack sets. Weight 10 lbs. nplete with handset, antenna, stals for 163 mc. with modifica-n. Bargin at $35.00 each. Two for .00. Also Motorola 33D 6 v. DC-2 ter FM single case unit which be converted to new split-chan-specs $125.00 W. Vogel W4NFS, 0 Pine Tree Road, Winter Park, a.

OR SALE: Hammarlund HQ-110 eive in excellent condition $189.00. npendrey KN4GRF, 72 Camellia , Melbourne, Fla.

OR SALE: DX-40, mint condition, w 6146, factory wired. Must sell :00. Fred C. Wilson K4KRY, 7450 ove Ave., Kendal 56, Fla.

ANTED: Large modulation trans-mer 1 to 2 KW or so. Also power nsformer and chokes, 3000 to 0 volt output at 1 amp or so. Also e capacity, high voltage filter ndensers. Plesae give price and nplete specifications in first let-. Also phone number and about at time of day you stay home, if y. Curtis E. Smith, W4TCU, Lake nny Island, Lakeland, Florida one MU6-7522 after 6 p.m.

ANTED: EVERYONE to read a-ut the FLORIDA SKIP SPONS-ED WORK ALL FLORIDA OUNTY CONTEST in the next ue. Prizes will be awarded to nners. Editor, Florida Skip.

ANTED: 52 Ohm SWR indicator/ wer meter. 2.5 or 3KV filter con-nsers. TRADE: Stancer P-8034 nsformer 2, 2.5 KV 400 ma. Stan-S-57 2.5 v. fil. xfmr. 2 ancer P-4096 10 v. amp. Fil. xfmr. 8 and sockets. New P&M type FC-1 speech compressor. Collins ch. filter 2.1 kc. Audie phase-ft netword C. E. type PS-1 and ket. Filter condx 6 mfd 2 KV. w 10 meter Heliwhip. W .W. oper K4ZZV 9302 N. W. 2nd ace., Miami 50. Phone PL7-1718.

OLLINS 51-Jwanted for cash. S. Adcock, W4GL, N. E. 103rd St., ami, PL4-4131.

OR SALE: Back to AM Will sell w Gonset E GSB-100 transmitter ht less than 40 hours operation $100.00 off new price. My loss, ur gain. Merritt Stener, WSBJI, 3 West Park St., Lakeland, Fla. one Mutual 6-4067.

WANTED: Late Model Ranger. State condition price etc. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs 66, Fla. TU8-3874.

WANTED: G66B receiver and G77 transmitter, without power supplies preferably. Will consider G66B and G77A with supplies. George Moule K4HYO, 2951 N. W. 161st Terr. Opalocka. Fla., Phone NA1-0225.

FOR SALE: COLLINS KW M-1,. mobile tray, a. c. power supply and d.c. power supply. Extra crystal for mc fene band. Late model in like new condition. S. E. Adcock, W4GL, 1340 N.E. 103rd St., Miami 38, PL4-4131.

FOR SALE: Hallicarafters HT-32 perfect condition like new, full set of crystals included. $495. Ruth Nissen W4BWR, RR" Box 190, Melbourne. I never skip SKIP.

FOR SALE: Six meter Heath trans-receiver wired by E.E. Very sharp $65.00. Noble 12 v. power supply for the transreceiver $15.00. Three element Gamma beam, 6 meters. $10.00. Dr. C. Alayton K4HNS, 9150 SW 40th Terr. Miami, Fla.

FOR SALE: 900 watt phone and c.w. xmtr with power supplies, VFO from broadcast band thru 20 meter band all TVI prof. Also misc. JUNQUE (hi class forounk). $200.00 come and get it. Ed Klar, W4FAD, 7104 Love Ave., Tampa 4, Fla. Phone 36-8981.

FOR SALE: JOHNSON Viking I, 829B in final. Viking VF O-122, extra final tubes. All in very A-1 condition. $120.00. Dwight Moree, K 4IYU, 1619 W. 44th St., W. Palm Beach, Fla. VI4-0370.

FOR SALE: 2400 v.a.c. CT plate xmfr and 2 - 600 volt mfd oil filled conds. $10.00. 150 watt c.w. rig pair of 1625's and diferential keving with spare tubes less power supply $35.00. Meter and parts. write for list. Bimir Baklanoff K4LDF, Hernando Florida.

WANTED: More HAMBARS, photos clean jokes, ex-calls, diagrams and renewals. SKIPPer, Box 501, Miami Springs 66, Fla.

NOTICE: To all who responded to my ad wanting a pair of 100TH's THANKS Settled for 3 - 304TH's. Got good results in this column. Dimir Bakanoff K4LDF, Hernando, Fla.

WHEN BUYING - BUY FROM OUR ADVERTISERS. THEY HELP MAKE THIS COLUMN POSSIBLE.

SELL OR TRADE: Model OAP-1 combination Freq. Meter-Oscillator, new condition complete with instruction manual and original calibration charts for 144 to 236 mc. This is a precision set for VHF fans.
I need a transformer power supply that will deliver 600 to 800 vols at 400 MA or 2 transformers rated 1400 volts CT at 200 MA each.
BOOTS GORMAN, K4KRB
14430 N.W. 123 Ave. Miami 68
MU7-3100

FOR SALE: KWS-1, serial #860, with all the latest modifications dune by Collins, spare set of 4X-25 OB's, Astatic 10-D mike with push to talk stand, Jones Micro-Match #263.3 with indicator, Collins phone patch; all in factory perfect condition, original owner. Reason for sale Disabled cancer victim unable to further operate station. Make your best offer for all as a complete package. Rij. R . L. Pixler, ret., K4JHI, Rt. 1, Box 254, Avon Park, Fla

WANTED: KW Matchbox, Millen 90672 antenna Bridge, .5 and .8 filters for 75A4. Wanted 4-400A tubes, 115 or 136 feet of RG8AU or better coax. Late model oscilloscope. Dan Summers K4TML, 1712 S.E. 14th St., Ft. Lauderdale. JA4-0918

FOR SALE: Viking Navigator F/W as new, $125.00. Johnson 250 39 TR swihch and spare tubes $17.00; Gonset Tribander, damage, inspect and make offer; UTC S-58 and S-57, $4.00 each Chitran 4700 VCT, 350 ma. $16.00; two GE Pyranol 10MFD 2000 WVDC, $5.00 each. Two Pyranol 10 MFD 1500 WVDC $4.00 each. One Wilcox CW3 fix tuned receiver, now on 5mc xtal controlled with 100mc RCA bar and multipliers $20.00. Three improved CESCO Quadmonts, new, $5.00 each. 40 meter command transmitter, make offer. One new RCA 810, guaranteed $10.00. One BC-375 antenna coil, complete with dial $10.00. Dan Summers, K4TML, 1712 S.E. 14th St., Flauderdale. Jackson 4-0918.

FOR SALE: New grounded grid linear filament choke 30 amps. $5.50 each. Herb Hoover K4PIJ, 1126 Elizabeth St., Eau Gallie, Florida.

FOR SALE: Gonset III, push to talk, Antenna, mike, cables and manual and diagrams. Looks and works like new for 2 meter, that is $215.00. Have few filament and replacement transformers, what you need? 300 Ma 4 hy choke, encased, $4.00. Andy Clark W4IYT, 41 Lenae Dr., Miami Springs 66, Fla. TU8-3874.

FOR SALE: Collins 32V-3, lat model, perfect condition in Original carton. $395.00. S. E. Adcock, W4GL, 1340 N.E. 102rd St., Miami 38, Florida.

Certificate Hunters. The only complete Directory of Certificates and Awards of it's kind in the world. Over 350 awards from over 50 countires. July issue hot off the press. Original price includes one year's free revision subscription issued quarterly. $3.50. New Editor and Publisher, Clif Evans, K6BX, Box 385, Bonita, Calif.

Wanted: More HAMBARS. Here's your chance to sell that stuff thats been under your XYL's feet and all for free to all licensed amateurs. SKIPPER Box 501, Miami Springs 66.

WANTED: Mabel would like to have more questions. Don't sign your name or call, unless you want to. We are sure she will be able to solve your problem.

FOR SALE: Eico 803 Gieger counter and book prospecting for urainium. Very good condition $18.00. Also brand new 21 foot alumunum mast $30.00 and 41 foot alumunum mast also new. (Received as present.) $58.00 SX-38E and Globe Chief-90A. Perfect condition. $42.00 each or both $80.00. William Taylor K4EFR, Box 310-D, Route 1 Longwood, Fla. Phone VA8-5423.

WANTED: ALL DX men who have over 100 confirmed to write Florida DX Club, Box 215, Naples, Florida for details on a new, fast growing DX Club.

FOR SALE: Central Electronics 20-A with VFO practically new. $180. 00. HQ-110 receive $150.00. 2 element three band Hy- Gain Minibeam $35. 00. Ron Burnham K4KCB, 305 E. North St., Tampa 4, Florida.

FOR SALE: A54 Elmac with PE-103 complete with cables and filter base also 110 volt power supply for same, whip load six to 8 feet. Gonset Super six converter with TNS, coax relay, press to talk mike and jack. All ready to operate. All for $125.00. C. A . Conklin K4LPS, Rte 2, Box 466, Leesburg, Fla.

FOR SALE: Globe DSB-100 in like new condition and Globe 755 VFR. VRO has extra VR tube for better stability. Both with manuals. DSB-100 $80.00 and 755 VFO $30.00 or $100.00 takes boeth. Will Ship. Wilbur S. W4JQK. Celestial Tril. Crt. Bocoa Beach, Fla.

WANTED: All you good Skippers, please pass along your old copies to a friend. But not the same friend each month. (If you know what I mean.) Thanks. Editor

FOR SALE: Viking II with push to talk and matching VRO $225. Hallicrafters S-106 six meter receiver $40.00. New TA33 Jr., Rotor, and slip up tower all for $75.00. Bob Cole, K4LZW Wisconsin Ave., Tampa, Fla. Phone 65-4653.

FOR SALE: Millen 2, 6 and 10 final with 10 meter exciter. Heavy duty power supply, all coils, Edico modulator. Sell or trade for mobile gear. Heath VFO $10.00. Instructograph late model with 10 tapes. $20.00. Sam Taylor W4VRQ, 1270 N. W. 53rd St., Miami. Plaza 8-0196.

FOR SALE: DX-35 $50.00. Heath VFO $19.00 and two Q Multifliers $7.00 each. S-53 Hallicrafters receiver $50.00. Roy Eger, K4QXD, Rt. 1, Box 329, Leesburg, Fla.

FOR SALE: Heath DX-40 with mike and crystals $55.00. Heath VF-1 VFO $15.00. Mon-Key electronic keyer with manual $15.00. Write for info. Bob Conant K4YCY, 3901 Iris St., St. Petersburg, Fla.

WANTED: Last Call. All clubs to submit the following information to be included in our Florida Skip Club roster: Club name, call if any, Place, time and days of meeting. If you want your club listed send it in before August 15th. Editor, Box 501, Miami Springs, 66 Fla.

FOR SALE: COMPLETE MOBILE FIXED STATION Elmac AF-67 T X, PMR17 Rec. 12/6v PU, 115v AC to 500v PU, Mobile whip &mtg, 12v Ant Coax relay, Carbon Mic w/p2t, Also, make offer. TZ-40 Modulator. FR Osc w/pr 803A 1-Buffer Stage. W4ZPO, Dick McCoy, 1739 S. W. St, Miami, Fla.

Wanted.
A small used transmitter for Novice operations contact Tandy Way, 4851 S. W. 82 St. Miami 43, Fla. Mo13386

FOR SALE: Eight element Hy-Gain 6 meter beam. Almost new, with 40-50 feet coax. A real bargain at $25.00. Dotty Gelineau K4LEU, Falcon Ave., Miami Springs 66, Fla.

WANTED: More HAMBARS. Deadline for all copy is the 15th and for HAMBARS is 20th. Please list name, call, address and phone number. Editor, Florida Skip, Box 501, Miami Springs 66, Fla. FREE TO ALL LICENSED AMATEURS.

NOTICE

As all of the amateurs know who participated in the 4th of July Aquarade in Miami Beach, the Miami Herald reporter Tom Lownes told a fib. He stated in his article that appear on the front page, July 5th, "More than half of the girls had to be ordered off deck during the Aquarade's return circuit because their shoulders began to show signs of sunburn.

"But an intricate network of ship-to-ship-to-shore radios, set up by Radio Ham Operator Andy Clark (W4IYT) kept the show on a generally even keel."

Who is this guy Andy Clark to get all the credit when Ted Schempp, K4ONY of the Miami Beach Police Department did all the work? Oh well, such is life. For complete details on the Aquarade see "OPERATION MISS UNIVERSE" elsewhere in this issue.

DEAR GLADYS, . . .

(QSY'd From Front Page)

children, and those green spotty bugs that I've never seen except on Fied Day. I think they bite enough that one day to last them until the next year.

We need instructions on care for cuts, bruises, saddlescores, (our CW operators suffer greatly ly from these) charleyhorses, indigestion, sand spurs, and foundering (that's what Grandmaw calls it. It means eating so much you get sick. CW operators suffer from this, too).

Then there's rashes, burns, contusions, and double vision. ("We worked them." "We did not." "Yes, we did, look up here." "That's not them." "Yes it is. I know because I wrote it." "What were you writing, Roman numerals?")

We generally have to treat sunstroke, sprains and rabies. The symptoms of rabies are staggering gait, glazed eyes, slight frothing at the mouth and snarling. (CW operators are BORN with it.)

Well, what do you think? Can we all get together and help each other? Or should we organize a great big nationwide canasta party next Field Day and let the boys shift for themselves?

Love, Mabel

FROM THE PRESS

Dublin, Ga. (UP). Headlines. Taps out message in Code. "We're still Sweaehearts', She Says After 71 Years".

Tapping love message in Morse code isn't new for Joseph Conway, 93, blind and deaf, and his 84-year-old wife.

But the message was a special one which Mrs. Conway rapped gently on her husband's knee as they celebrated their 71st wedding anniversary.

"We're still sweethearts," she dot-dashed.

"Sure, we're still sweethearts," Conway replied in a clear voice.

The Conways, now confined to wheelchairs, reaffirmed their marriage vows at a dinner given in their honor. Conway, a retired Army master sergeant, recalled that he taught his wife-to-be the code while they were courting.

"We used to carry on our courting by Morse right in front of her family," he said. End of item.

(Editors notes: I wonder what Dear Mabel would say about all these going on's?)

HURICAINES TAKE . . .

(QSY'd From Front Page)

FIELD DAY TROPHY for 1960. This is their second straight year to win it. "On July 15th (deadline time) the following telegram arrived: "Editor, Florida Skip: This is to advise you and Florida Skip of the score of the HURRICANE RADIO CLUB K4TGY/4 formerly the South Miami DX Club during Field Day 1960. We made 1018 QSO's for a total of 9187 points including field day message in Class 3A. Operators were K4LRA, K4YCY, K4YWZ, K4ZEF and K4ZZI. Hope this solves problem of where to put trophy - HI. Signed, K4LRA, President."

A telephone call was made to K4LRA to confirm the figures. All were correct. Jerry advised they used beams on 20, 15, Tribander, dipole on 40 and an 80 meter "cage". All operators are teen-agers and really worked hard and long to win the trophy. Our heartiest congratulations to this new club. We hope to have a picture or two with more details of the HURRICANE RADIO CLUB of South Miami, next month.

The Orlando Radio Club Inc., W4PLB, 1959 winners, another hard working club turned in 1002 contacts with a score of 7665 points, 3 transmitters and 35 AREC members. Their location was near Lake Mary, Florida. Following Orlando was Dade Dade Radio Club Inc., W4NVU, 1958 winners. W4NVU turned in 7263 points.

Here is a complete list of claimed scores as received:

Hurricane RC - 9187
Orlando - 7336
Dade - 7263
Miami Springs - 5772
Tallahassee - 3780
Lake ARA - 3614
Panama City — 3354
Daytona Beach - 3150
South Miami - 3042
St. Petersburg - 3015
Elgin ARS - 2927
Gainesville - 2790
Hialeah - 2776
Pensacola - 2496
Ft. Myers - 2370
St. Augustine - 1040

Here is how it looks by contacts:

Hurricanes - 1018
Orlando - 1002
Miami Springs - 937
Dade - 866
Daytona Beach - 530
St. Petersburg - 504
Hialeah - 430
South Miami - 422
Ft. Myers - 395
Gainesville - 310

All other clubs did not submit total contacts.

Publicity throughout the state was good. Orlando got a nice spread in the Orlando Sentinel and Sanford Herald with pictures. The Dade County clubs were written up in the "NEWS" and "HERALD." South Miami, K4JVA, had a nice spot on WTVJ news with live shots of operators working the rigs etc. Other clubs around the state had similar write ups in their local papers. For more complete club details on FD read the club columns elsewhere.

Here are a few quick breaks around the sites: Dade operated on the south end of Miami Beach, right "on" the ocean. Miami Springs, (K4OSQ) set up 3 rigs (150 Watts) in an enclosed moving van, 2 quads, one tribander and 40/80 doublets operated in Everglades, 15 ops, no major break-downs. Lake ARA. (W4YKY) set up 15 miles north of Umatilla, 15 AREC members, reports W4SXJ, EC. Daytona Beach (K4EV) had 38 members at Tamoka River Jungle. They made 240 c.w. contacts and 290 on SSB. South Miami (K4JVA) used 2 tents, CD van, CD generator, beams stuck in sandy beach of Crandon Park. Swimming when not operating or eating! Gainesville,(?) used 5 rigs, got rained out and a few ears taken off by terrific QRN. Hialeah (W4MRC) two 150 rigs, high atop Hialeah Race Track air conditioned press box. Used long wire and beams up about 60 feet. Ft. Myers (W4MWI), 3 rigs at Olga, Fla. Low score, but rest made up by fun.

Our congratulations to all clubs on an excellant job in the field. As you know, F.D. is a perfect exercise of something that could actually happen during a disaster. What you have learned during FD this year will come in handy if the real thing comes along. Keep those emergency generators and portable antennae ready. Put "plugs" on all your equipment so you can get it in your car in a hurry. Be ready for any emergency. Sign up with your Emergency Coordinator in the AREC and above all, have a workable emergency plan for your city or town. See you next F.D. 73 -ac-

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A man's idea of helping in the kitchen is to offer to scramble eggs at 2 a.m. when his wife has the guests on their feet and headed for home.

(Basic Blasts)

Statistics show that the general run of pedestrians is a little slow. (Miami Herald)

JOCO VII . . .

(QSY'd From Front Page)

The U. S. Coast Guard Auxiliary again will mail out a beautiful large QSL card to any station that works them on phone or c. w.

All ARRL Emergency Coordinators are strongly urged to participate in this exercise by reporting into JOCO on phone or c. w. All EC's and others are urged to contact their local Red Cross or Civil Defense officials and request a "Simulated" or a "Greeting" message to be sent on the net. All simulated messages should be marked "Drill Message" at the beginning and end of the text.

The NCS for JOCO VII will be at Everglades City unless conditions do not permit, in which case K4IWT Red Cross or K4TFS Civil Defense in Miami or another appointed station will take over. Conditions are expected to be poor on 40 meters during most of the day. K4OSQ Miami Springs RC will be c. w. back up between Everglades City to Miami, with relay to Red Cross on 147.0 Mc.

All amateurs calling into JOCO should send a weather message in ARRL form to the "JOCO EXERCISE", Everglades City with a copy to the U. S. Weather Bureau in Miami (via K4IWT or K4TFS). The message text should contain: Time of observation, Location (yours), Barometric pressure, Wind direction and speed, Cloud conditions, Rain, if any.

Don Queeney, W4ACT, EC for Collier County advises he will take his yacht out for the exercise and will be on 7295 operating Maritime mobile. Don will also have a rig on 50.2 Mc and will attempt to work back to the Naples AREC emergency net and any others within range. He is a member of the Coast Guard Auxiliary with the call of NA-7CT, and plans on testing his 2670 kc rig. Don will report simulated damage off shore.

Let's all pitch in to make this the best JOCO drill ever. See you at Everglades City. 73-AC.

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

FLORIDA SKIP

A Non-Profit Organization

OL. 4 — No. 4 | The All Florida Radio Amateur's Publication | SEPTEMBER, 1960

Dear Mabel,

ar Mabel,
How can I stop smoking?
MILLIE AMP

ar Millie,
It is difficult to give you an swer without knowing what uses you to smoke. If you are ffering from spontaneous com-stion you need better ventila-n. If you merely smoulder, shutting out all air. Please ite me again and tell us more out your interesting case.

ar Mabel,
Has Clyde added anything to shack since we last heard out it?
Phil Ament

ar Phil,
First of all, he doesn't call it a ack anymore. Ever since he red his Heathkit SWR Bridge refers to it as "The Labora-y". And he wears a white at at the workbench. (I hear a phase many of you go rough.)

ar Mabel,
I am having trouble getting my neral. Can you help me?
Miss Novice

ar Miss Novice,
Don't ask me. I had enough uble snagging a T/Sgt.

ar Mabel,
We rented our upstairs apart-nt to a young man who said he d no pets or wild parties, only few hobbies. Now after signing two-year lease we find one of hobbies is bowling, which he actices up there three nights a ek. What can we do?
Landlord

ALL FLORIDA VHF PICNIC

The Fourth Annual All-Florida VHF Picnic is set for September 11, 1960. All Florida VHF hams, and those interested in VHF, are invited to attend the picnic, to be held at Alexander Springs in Lake County. The affair is sponsored by the Lake Amateur Radio Association and is an excellent chance for all VHF hams around the state to get together and arrange skeds, exchange ideas on problems, etc.

PLACE AND TIME: . . . .
Alexander Springs, North of

(QSY To Back Page)

BROWARD REPORT ON THE GOLD COAST MARATHON

Harold Bower, W4DLM

Communications activities of the Gold Coast Marathon is a bit different than Field Day work. On the Marathon the problem is a point to point communications. Over the years these contacts have been made on 40 meters between check points. The last couple of years two meters has been tried between several of the check points and found to be very workable.

This year the control station

(QSY To Back Page)

Meet the newly appointed ARRL ROUTE MANAGER for Eastern Florida, Clyde P. Mashburn, W4SDR, 25 South Halifax, Daytona Beach. Clyde has been a strong support of all Florida c.w. and phone nets. He received Edison Award Citation in 1957. He is past President of DBARA and conducts "Hambone College", a planned school for Novices and Generals. Those who attended the DBARA Gabfest no doubt saw Clyde there. SDR can be heard NCSing the Florida Midway Traffic Net at noon on 7230 KC. Good luck to our new Route Manager!

ORLANDO FLOOD

The Bibical story of Noah and the great flood was brought rather forcibly to mind in the Orlando area on the afternoon of Monday July 25, when a record breaking 8.19 inches of rain caused flooding conditions throughout the area. Infact if Noah had sailed his ark down the Orange Blossom trail, he could have picked up a boatload of customers in a short while.

A call for assistance from Mr. Ernest Knight, Director of the local Red Cross chapter, with the information that their telephone circuits were inoperative, resulted in the alerting of the Disaster Communications Net, with Ace, K4AKQ as Net control. Dave, W4TOD, Ernie, K4GHL, Clarence, W4TVR, Wes, K4KRG and Hal, W4BKC reported in and assisted in handling the voluminous telephone traffic.

Clarence, W4TVR and his boss lady Irene alerted the rest of the net by telephone and the following stations reported in, Bob, K4-TTZ, Mac, K4TMN, Howard, K4-CFX, Cliff, W4CFA, Jess, W4-CLJ, Evalyn, K4UIZ, Bill, W4-

(QSY To Back Page)

MEMBERSHIP CHANGES OF ADDRESS

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In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

FLORIDA AMATEURS PITCH IN TO MAKE JOCO VII GREATEST

At this time (August 17th) all reports are not in, but it appears JOCO VII was by far the greatest!

W4AFF, W4EHW, W4DRD, K4GBS and W4KTE set up their own amateur equipment in the Coast Guard Truck in Everglades City in August 13th. They put up their portable emergency antennae and made contacts around the state that evening. All day Sunday, August 14th they labored hard in gathering weather reports and simulated damage reports and relayed them back to K4IWT, Red Cross in Miami. W4ACT ARRL EC for Collier County, took his yacht out in the Gulf below Everglades City and surveyed simulated hurricane damage. Other Naples members, K4UGE, K4FOM, K4KGL and K4YPA set up their 6 meter equipment for relays between W4ACT/MM, W4KLT and K4ENN/AM.

K4ENN/AM of Miami flew his 4 seater plane to Everglades City and made damage reports over the Everglades north of Everglades City on 28.8 mc. to W4ARU's station a short distance from the emergency site.

K4TFS/4, the Dade County Communication bus set up shop at the Trail Glades Rifle Range with W4DTV, K4KEG and others at the controls.

W4JO, K4FMA and K4PVH opened the doors of K4IWT at Red Cross HQ in Miami at 0930 and closed them at 1700 for a full days worklead behind them. Other Red Cross officials were present to make quick replys to simulated disaster messages.

K4JWM put in almost 9 hours of continous operation from the Miami Springs Radio Club station K4OSQ, relaying traffic from W4KTE/4 on 40 to K4IWT on 147 mc.

W4UHF, net manager of the Novice Hurricane Net alerted his boys bright and early Sunday morning. All weather reports were sent on later in the morning.

The Broward Emergency Net went into action on 6 and 2, as well as the Dade Emergency Net. Reports were funneled in to K4IWT on 6 meters direct.

Dick Smith, W4DRD who has been in on all JOCO drills turned in the following figures that should be of interest to all:

Total stations participating 149.

Total traffic handled by all units 272.

Break down: W4KTE/4 93, K4IWT 112, K4OSQ 32, NHN 9, Broward CD Net 20 and Dade CD Comm. Bus, K4TFS/4 6.

Operators: 11 at W4KTE/4, 4 at K4TFS/4, 3 at K4IWT and 1 at K4OSQ, Broward CD 20, and DEN-6 Net 11. STATION WORKED: 88 by W4KTE/4, 47 by K4IWT and others 14. W4KTE logged 164 contacts.

The above shows an increase of almost two-to-one over last year. My sincere thanks to all who made this the greatest JOCO exercise ever. 73 W4IYT.

JOCO VII QSL'S

All those who participated in the JOCO VII exercise on August 14, 1960 will receive a Special JOCO VII QSL card. These cards are being sent out by the U. S. Coast Guard Aux. Communication gang. Allow about a month as these cards must be made up special.

Thanks again to all who made this JOCO drill the best on record. See JOCO report elsewhere. Is there any town or city in South Florida who would like to have JOCO VIII? If so, please advise W4DRD or W4IYT.

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Net, (FPTN) K4LCF, Herb Zeigler, Box 12, New Smyrna Beach.
NOVICE-FORUM, W4UHF, H. Roy Scott, 3607 Omar Ave., Tampa

BROWARD — W4AB

One and all are invited to the Broward Radio Club meetings the 2nd Wednesday of each month at 2000. Go to the 4th floor of the Broward National Bank and Join the crowd. If you can't make it to the meetings try the Broward Emergency Net Monday 2000 on 50445 or 2100 on 29610 kc. —73, K4VGD.

WACKY WINGDINERS OF JAX

WWD amateur radio Society of Jacksonville meets the second Monday of each month at 1930. Officers are: Pres. W. E. Allyn Schrammel W4IEA; Vice Pres. Mike Gagliano K4LDL. Write for information on the WWD certificate or subs to monthly news to W4IEA. Call W4HLE for new meeting place.

WWD held their annual field day at Bruce Park in Arlington on August 20 and 21st. More on that later.

VHF in Florida. Allen A. Englema W4RWU 2442 Pine Estates Road S Jacksonville 8, Fla.

Poet, W4ZJ, Jim Kellow, 2315 Ironwood Dr., Jacksonville

Net, (TPTN), K4ODS, Max Robinson, 551 Lyndhurst St. Dunedin.

Net, (FMTN) W4GJI, Tip Curran, Box 48, Palm Beach.

VP7 Land, VP7BH, Bill Morris, NAA c/o PAA Eleuthera AAFB, Patrick AFB, Fla.

MARS Dist. No. 2. A4WDX, William Budd, 666 Arriveda De Mayo, Sarasota.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 W Columbia St., Orlando.

Club, W4LJM, David Nelson, 22 Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferre 1364 N.W. 23rd Ct., Miami 35.

Club, K4BY James D. Felsenheld, 3404 27th St. West, Bradenton.

Club, W4DXL, Bill Lando, 1920 SW 4th Ave. Ft. Lauderdale. (Hollywood Club).

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, Dade, Forest & Martha Bah K4SEE/SED, 834 NW 9th Ave. Miami 36, Fla.

Club, K4GPJ, Red Clotfelter, 610 E 60th St. Hialeah.

Club, Fort Myers, Ken Stewart W4SMK, Box 1745, Ft. Myers, Fla

Club, Lake Co., Irene Conklin, K4LPV RR 2, Box 466, Bassville Park, Leesburg, Fla.

Club, K4RXD, Betty Darsch, 2743 Ave. P, N.W., Winter Haven

Club & Net. Suncoast VHF. Clyde London K4EUJ, 4829 Caesar Way So., St. Petersburg.

Club, South Miami, Joe Caplano Jr., K4VFW, 10260 SW 34th St., Miami. Club, DBARA, K4RNS, Marg Campbell, 24 Palmetto Dr., Ormond Beach.

Club, Broward, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET, Bob Street, 116 Iroquois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolamo, 216 Doris Dr., Lakeland.

FLORIDORA NETS, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Hint & Kinks, K4UGC, R. V. Frederick, 460 NW 108th Terr., Miami 50.

Net, Hillsboro AREC 6M. Net, K4LLG, Joe Mills Jr., 3622 S. Hubert Ave. Tampa.

SCM E. Fla. ARRL. John F. Porter, W4KGJ, Box 7295, Ludlam Branch, Miami 55.

SCM — WEST FLORIDA. FRANK M. BUTLER JR., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

FLORIDA SKIP NOMINATING COMMITTEE: Fran Foley W4BIL, 14698 — 63rd Way, No. Clearwater. Herb Hamilton, K4KDN, 1524 So. Lake Howard Dr., Winter Haven. Curt L. Parrish, W4SVX, P. O. Box 161, Winter Garden, Fla.

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LAKELAND ARS BURNED OUT

A bolt of lightning lashed out of a severe thunderstorm Monday, July 11, and touched off a blaze that leveled the two story frame barracks building at Lodwick Airport which was the home of W4BOW, LARS.

City officials at the scene of the fire tentatively estimated the damage to the structure and its contents in excess of $100,000. In addition to W4BOW, the building was also occupied by the Hyacinth Control Division of the Florida Game and Fresh Water Fish Commission, the Lakeland Art Guild and units of the U.S. Army and Naval Reserve.

After battling the roaring flames for nearly half an hour, firemen gave up their efforts to bring the fire under control, and concentrated on saving the adjoining building. Within two hours, the building which had served as home for W4BOW for the past two years, was reduced to a tangled mass of charred timber and ashes.

W4BOW would have sufefred a total loss had the equipment been in the building but fortunately it had not been returned after completion of Field Day exercises. The equipment was taken to the home of LARS president for repair and alignment. Consequently, W4BOW is still intact, less the speaker, antenna and coax cables. Since we did not lose the major items of our station equipment, the estimated loss sustained by LARS is approximately $500.

HINT & KINKS

FRED, K4UGC

Here is a Hint & Kink on solving the change of fequency on the six meter dial. (In case a 6 meter dial is out of reach of the calibrater set knob.) On the HQ-110 when it is adjusted out of the cabinet, the dial changes about fifty kc. after the case is replaced on the chassis. Instead of using a metal plate which is not the exact same reading as the cabinet. I put a quarter inch hole in rear of chassis at convient spot near the power line installed a rubber grommet and through the rubber grommet installed a one eighth inch brass rod covered with insulating tubing to about two inches from the inner end, not insulated place into the fifty mc. osx. coil.

Now install into cabinet to stay. When set is warmed up to a normalcy, adjust the brass rod out and in from the rear of the chassis. With a known frequency, such as WWV on a general coverage receiver coupled to calibrate tube, set dial to exact frequency with calibrater set knob in center position, then your Six meter dial will be within adjustment of calibrate set knob. 73 Dick Frederick, K4UGC, Miami.

FLORIDORA YL SIX METER NET

Fran Adams, K4PPX

We now have 13 YL's on six in Dade and Broward counties. The fellows should have no trouble in working ten for the certificate now.

K4ACF, Nancy, had a piece of old antenna wire thrown thru her leg by a power mower operated by her OM, Chuck. After salvaging the wire for possible future use, Chuck felt so bad that HE did the dishes.

W4FEU, Ann, is enjoying these hot band openings in her cool air conditioned trailer.

W4HGT, Pat, has been busy supervising the construction of her new home and hopes to move in soon. She has been operating portable from a temporary QTH. Her OM, Val, K4QJP, has just received his General and that makes it hard to put the TBS-50 on six.

Heard thru the grapevine that K4IJM, Maureen's new rig is being built by her OM, K4IFI, Cary. Keep after him gal and get back on the air, we miss you.

K4JGU, Mildred, in VE land, on vacation is spending all her time nursing her OM, Phil, K4-CRU, who broke his leg.

K4MDZ, Mary, doesn't get on very much due to the OM's KW on SSB. Tell Pat, K4OYR, to QRT long enough to let you on more often.

K4PPX, Fran, is very happy to be able to check into the Hawks net in Ind. First time that she has been able to in the two years that she has been a member.

W4PXY, Pat, is our brand new member, hopes to get her Seneca soon. Pat is using a Heath kit Sixer.

K4RCX, Jeri, checked into the 40 meter net for the first time She checks into the 6 meter and is very active. She is trying for her "Freeloader's Certificate".

K4RHL, Ellie, is also one of our newest Floridoras and has been checking into the 6 meter net.

So fellows, there are the gals on 6 meters. K4SOC, MaryAnn moved to Orlando but still is a Floridora YL.

K4ANR, Ruth, is sad because the net she worked hard with is falling apart. Don't let this happen girls, Help her by checking in on Thursdays.
2000 on 50.300. Keep at it Ruth, even if only one gal checks in. Someday there will be more.

FUNNY PHONETICS

W9FRP— Fresh Roasted Peanuts
K4RBR— Radio's Biggest Renegade.
W4NFS— Nice Florida Sunshine
W1KGF One Kindly Good Fellow
W4CNZ— Capable, Nimble, Zesty
W4DUG— Dear Uncle George
K4EQH— Elegant Qualified Ham
K4LML— Love More Ladies

WHAT'S NEW IN HAM GEAR

Another new linear amplifier by P&H Electronics, looks like this company fully intend to take the high price out of linear amplifiers. This new amplifier is designated as the LA-1000, and is designed to run 1 KW DC INPUT, built around the same basic design as the LA-400C which was mentioned in this column last month. The LA-1000 uses four 830B's in grounded grid, requires 75 watts to drive it to a full KW on all bands 80 thru 10 meters, has PI-NET output circuit and will load full power into any load from 25 to 300 ohms, complete metering including RF amps output, quiet efficient blower, and all this including 2000 volt power supply in a cabinet measuring 8 3/4 X 14 1/2 X 13 1/2. They say you can retube this job for the price of a haircut. Now start at the begining and read this over and then get this price (tentative) $349.50. Don't rush boys it is not outy et, but expected soon.

Have you heard about the new MOSLEY AUTOWHIP TM-5. This new mobile antenna covers 10-15-20-40-80 meters without any manual switching, fully electronic switching by means of series and parallel resonant trap circuits. It is rustproof and weatherproof and fits any standard mobile mount. This should be the answer for the mobile's that want to work all five bands. By the way it sells for $69.95 Amateur net.

All Novices, Technicians and Generals, would do well to investigate the new POLYTRONIC'S POLY-COMM 6-2 dual band transceiver. It is designed for either fixed or mobile operation on both 6 and 2 meters, it has self contained AC and DC power supply, and can be operated either VFO or Crystal controlled, the VFO is built in, the receiver section is triple conversion superhetrodyne.

There is also a built in push to talk circuit, without relays, it is a complete station with mounting bracket and microphone furnished, 13 tubes and 2 diodes. The crystal controlled converter for final is a 7551 with 10 watts power output and 10 watts of plate modulation. This sounds real good, it is supposed to be out in October and priced at $299.50.

By the time you read this you possibly will have seen the new National NC-270 receiver, but in case you haven't it is a double conversion, selectable side band, and covers 6 thru 80 meters inclusive, seperate detectors for AM and SSB, built in crystal calibrator, with dial adjustment to correct calibration reading. It has all the usual features found in a good Ham receiver, plus a few innovations just introduced by the National company, you can have all this at a price you can afford $249.95. How about that.

What happened to the new Johnson Invader? Expected to have a lot of information on it by this time, but haven't heard a word and also notice that it was not mentioned in the August issue of QST. Well maybe they want to surprise us. American Electronics (AMECO) have a new use with 12 volt auto receivers, they require no high voltage other than the car battery 12 volts being used on both filaments and plates, when used in conjunction with the auto receiver they provide reception of any megacycle band in the range of 2 to 54 MC range, extra coils are available at a very moderate cost for any frequency in this range. Amateur net price $19.95.

Did you know that Collins builds a general coverage receiver with exact one kilocycle calibration on all bands, no I don't mean the 51J-4. This receiver is the 75S-2 and has 28 bands of 200 KC each. This is an ideal receiver for the Ham or SWL who wishes to listen to short wave broadcast and wants exact calibration. The price is $600.00 plus the extra crystals.

The new RME 6900 is out, haven't had a chance to try it as yet but it really looks good. If you are figuring on a new receiver you should look this one over.

Wiley (W4WSJ) The Senator.

FLORIDORA YL NEWS

By Fran Adams K4PPX

K4ANR — Ruth and W4FE — t visited Mim inDaytona for "FREELOADER" contact. Ruth d Art entertained a 13-yr.-old m from the academy near their me. K4ACF — Nancy received e 128 Floridora certificate. K4-L — Fran is NCS for Aug. an is planning to be at the ytonna Hamfest. She has re-ived her Floridora certificate.

W4BAV — Kathy is still trying organize the Floridora Gulf rea 6 Meter Net, and we hope to ve time, freq, and information er.

W4BIL, Fran, is now in her new me and checked into the net for e first time in a long time. Good ck to you and Bill.

W4GAL — Dot went to visit 4BWR—Ruth but found her not home. Dot checked into the net say goodbye for she is leaving r Hawaii for several years. Will main a Floridora at heart. Drop a line Dot. K4HSC — Meg is ll in Hiawassee, Ga. and checks o net each week.

K4IRZ—Janis has to use a at to reach her home due to heavy rains. We knew she d a waterfront home, but this carrying it a bit too far.

W4MUY—Doris had her new ad wrecked by the wind. Hopes get it fixed soon. Dot hurt her while in Miami visiting her ughter who just gave birth to a ughter.

W4PXY—Pat, a new Floridora n be heard on the 6 meter net. K4PPX—Fran received her orked All Delaware Certificate. RHL—Ellie is also a new Flor-ra on 6 meters. K4RNS—arge was the first YL to re-ve the Worked Kansas YL rtificate; also was 2nd YL to Certificate Hunters Club A-rd, which makes her 1st Prin-ss. Marge now has 33 certifi-es.

KN4RDX—Anne has moved in-her new home. KN4TBG—Kay s up north but is returning to u Gallie to stay with grand-ldren while her daughter has operation. Kay has a SX101A l HT-37.

W4IUR—Mim is chairman of nominating committee and has ked K4ANR and W4WPD to ist her. Mim's OM Walt has eived the Florida Skip Award. d a visit from her son K4TJE. m and Walt are having open se to any Floridora YL wish-to check into the net on Labor Day, the day after Daytona Beach Hamfest.

W4UF—Dot, when last heard of, was 13 days out of Vancouver in the Pacific. She expects to be 10 weeks aboard ship. Her cabin mate is a schoolmarm from Vancouver.

A NEW CERTIFICATE

A "FREELOADERS" Certficate is being offered by K4RNS/RNR to those furnishing proof of 10 visits to fellow hams who allow them to sponge, bum, beg or otherwise secure food or lodgings free of cost. Proof may be in the form of letter or QSL. The purpose is to promote more eyeball QSO's. K6JP (formerly K4-BR) has received the First Certificate granted. All visits must be made after January 1st 1960.

EDITOR, FLORIDA SKIP

I enclosed two dollars for subscription to the Florida Skip.

I have just returned home from a week of vacation with mother and dad. One place we visited was W1AW and ARRL Headquarters. At Hq. our host was WIUED, Perry Williams, who introduced us to the Florida Skip. I was fascinated with the content of the paper and would like to do something similiar in my bulletin. I am secretary of the Kalamazoo ARC and write, cut, and mail the bulletin to members. I enclose a copy. I am in the 11th grade and received my General when 12. I don't have to tell you that I am inexperienced at editing a bulletin. I would like to run a "Dear Mabel" column or something similar. Could I use the ideas in my bulletin? To get started, could I reprint some of your column?

73

James Tiefenthal, K8DVL

(Editors reply. Jim you certainly may use our "Dear Mabel" column, or any other you wish. Best of luck with your KARC Bulletin.)

WITH RESERVATION

The hotel clerk was losing his patience and so was the gentleman trying to get a room. "Look, Mr. Weller," said the clerk, "I've told you a dozen times already, we don't have any rooms. We're full!"

"If President Eisenhower came in," Weller persisted, "you'd have a room for him, wouldn't you?"

"Why, of course," the clerk admitted.

"Then let me have his room," said Weller, "He's not coming."

BROWARD COUNTY SIX METER NEWS

By Fran Adams — K4PPX

One of the nicest Gold Coast Six Meter Dinners was hosted by K4HIL Herman and XYL Helen. The Silver Thatch Inn in Pompano Beach was the scene of a most delightful evening of buffet eating, dancing, swimming and multiple eyeball bending. Over 75 hams and XYL's attended, plus a lot of harmonics. Six meter bugs from Dade, Broward and Palm Beach Counties attended.

W4KVU-Jim has passed his General Exam but plans to stick with six. Pat-W4HGT and Val-K4QJP are also awaiting completion of their new home. Congrats to Val: he is a brand new General. W4CZP-Clarance burned out a power transformer one nite, but managed to get it replaced before the net secured. Jess-K4SLJ is putting up a halo atop a hanger at the Airport, 65 feet up.

K4RCV-Bill has formulated a TWO METER Broward Emergency Net, had fourteen check-ins the first nite. Net meets Tuesday at 2000 on 144.230 mcs. Bill hasn't deserted six though, is running a Benton Harbor Lunch Bucket on six at work and mobile. XYL-Jeri. K4RCX keeps the Senaca hot at the home QTH. Just can't get Minnesota confirmed though. Jeri is hot in pursuit of the Freeloaders Certificate.

K4ISG, Milt is putting out a real FB signal nowadays. Wire Saver is the word for K4IQS-Chuck. He carefully saved the piece of wire from Nancy's—K4-ACF—leg, where it had been flung by the lawnmower that Chuck was using.

K4JRQ-Ken is being heard more often on six—must be that 20 meter CW is not so good. K4-KHL—Frank is back on after a long absence. W4LLX—Tommy is mobiling with his Lunch Bucket everyday to and from work. Puts in a nice signal. He got lost the other nite trying to find the CD Headquarters. With the help of RCV, RCX, QQE and PPX he finally arrived .O.K Couldn't even find his way home from CD, had to visit PPX's house to Free-load. Sure enjoyed having you and Sue here.

Phil—K4CRU is spending his vacation up in VE-land in a wheel chair. Slipped and broke his foot and ankle. His XYL-Mildred is spending her vacation nursing him. Phil hopes to get put into a walking cast in time to attend son Ronnies—W4ETH—wedding in September. Very best of luck to you and Barbara, Ronnie.

Our hearts go out to Charlie Starn and his family for the tragic loss of his ten year old daughter. Charlie is K4HWY of the "HWY Antenna" fame.

If you don't hear K4PPX and K4QQE on as much now, days, it could be on account of the new backyard swimming (?) pool. Can't work any DX that way Fran old gal.

HERE 'N THERE

Just a line to let you know how very much I enjoy Florida Skip. You fellows are doing a fine job with a keen little paper. Keep up the good work. C. L. Scudder, K4OER. . . . .Many many thanks for "Skip" membership card. Real slick. Arf, K2GWN, Sackets Harbor, New York. . . .Thanks for my Skip membership card. You and your gang have something to be proud of in your fine paper and I always enjoy reading it. Keep up good job. Bob Follmar, W4-QDY SCM, Virginia Section ARRL. . . . . .Bert, W4CNZ/W4NDJ in Key West received a certificate of Merit from the office of Civil Defense for his NCS work done in South Carolina during Hurricane Gracie last year . . . .

DIRECTORY OF CERTIFICATES

Clif Evans K6BX, Box 385, Bonita, California is the new Editor and Publisher of the Directory of Certificates, better known as "The Award Hunter's Bible." The latest July issue with 112 pages is just off the press. A copy arrived here at Florida Skip, and believe me it's a MUST for all Certificate Hunters and DX hunters! (Thanks again Clif. AC)

K6BX started off back in Arkansas in 1919 with the call "CE". Then to Pensacola 1922 with 4-CY. Later 1927 as W4DJ and again in 1939 as W4GZA the Southern most station in the USA, Key West. Clif writes "Sand got between my toes" and frequently catches' himself walking sidewise on the beaches in California.

For more details on the Directory drop Clif a card or radiogram for one of his NEWS letters. You'll be glad you did!

THE MISSILE AMATEUR RADIO SOCIETY

Club activities have dropped to the usual low summer level with the attendance at about fifteen instead of the fifty or better we had all winter. Club picnic last week was enjoyed by all and well attended with about one hundred members and family participants. Prexy "Pappy" Green and his committee deserve a big hand for the fine arrangements. Incidently Pappy is in the Patrick AFB hospital, undergoing a final physical for retirement from the Air Force. We all wish him well.

Two meters still continues to hold the interest of many of the members. Our most famous being John Perchalski K4IXC who has been running skeds with Miami and Jacksonville almost daily. Del W4HSB is running him a close second with W4JWA, W4LKH, W4IUU, W4MOO, and many others with beam antennas sweeping the band regularly.

We have a new member whom we are glad to welcome in the person of Glenn W4BFQ. He hails from No. Car. and we are sure he is going to like Florida.

Some of the boys we haven't heard from lately are Dave K4VMA who must be down range, Duane W4CWD who used to be one of our mobile standbys, Roy K4QVZ the noise from Merrit Island, Chuck Cole K4OMM who has been scarce since he left RCA, Bob K4SIY, John K4UCF, Verlan W4NLX, Jim W4OQS, Ken K4PMJ, Tracy K4CZ and others.

We were pleased to have Capt. Lacy Nunn W4FFR at our last meeting. Capt. Nunn is the local MARS director and though we don't see him often he is always welcome. Ruth W4BWR who is our new Executive VP handled the last meeting because of W4IIM's absence and did a fine job. Ruth is a real trooper.

Heard Ken K4PMJ, erstwhile publicity VP is going to resign. Lou K4GRF has his general and is making BIG plans. Lou has an SB-10 and a KW pusher, needs some middle stuff. Also came up with an HC-10. Looks like CY K4QKJ has made an SSB fan here. Queen King Jack will argue against "Ancient Modulation" as he calls it anyhere, anyplace, anytime.

Slim W4MX has a mobile Donald Duck working fine. Sam K4ZZY moved into Sea Park and right into ye scribes backyard so to speak. That makes five HAM stations within a 500 foot circle. WOW! And I am in the middle.

Our Club meets the second and fourth Thursday of each month at the Patrick AFB MARS Station at 7:30 PM. We welcome any and all who are interested in HAM radio. 73, W4ID

LETTER TO EDITOR

Editor, FLORIDA SKIP:

Thanks for your subscription reminder, I am enclosing bank money order for $2.00 for my renewal.

I do enjoy reading Skip and lok forward to receiving my copy, also my QTH is correct.

Though I do not have the time that I would like to devote to amateur radio, I do enjoy what time I do have, having been in the game for quite a long time. My first call was 4WM back in the days when radio was under jurisdiction of Commerce Department, some time before the birth of F.C.C. Another thing which may seem odd, I have just recently acquired my FIRST commercially built transmitter, an Apache TX-1, which of course I am proud of.

My best wishes for your continued success with SKIP and to all my Florida friends.

Tom G. Alsobrook
Box 945, Fort St. Joe, Fla.

If you want a job done, give it to a busy man. He'll have his secretary do it.

(Kreolite News)

NOVICE FORUM

Roy Scott — W4UHF

WEATHER REPORTS fro NOVICE HURRICANE NE (3725 Kc Sundays 0730 EST members for "EXERCISE JOCO were relayed to JOCO/W4KTE/ at Everglades City. The follow ing stations participated: K4FQI Ruskin; KN4QDN, QUINCY; K YOQ, Tampa; K4DKT, Stuar and W4UHF, Tampa. These sta tions are looking forward to th beautiful JOCO QSL sent to sta tions that had weather message for JOCO. K4BHL, Ocala wa away on vacation, and KN4KVI Pinellas Park, was unable to QN.

Although an article on "OPER ATING HINTS" appeared in thi column some months ago, it is fel that many new-comers to the No vice Bands could benefit from summary. One operating hin that is of great value for mor efficient CW is the use of BI (which means "BREAK" and no "BACK"). The use of BK is ver useful as it provides a quic means of obtaining fill-ins handling traffic, or in genera QSO for example when trying t get an address without having t repeat the station calls over an over.

Try using BK while operatin and you will find that aler Novices will be quick to catch o and come right back with BK an the information requested. Don' forget to use station calls eac ten minutes, however. Keep you CQ's short — long CQ's serve t discourage listening stations wait ing to answer you and are of n real use.

Try avoiding repetition o words when you are working good CW operator; he can rea your CW the first time, unles conditions are poor and repeti tions are in order. Avoid the us of punctuation characters unles they are in a message you ar handling; they only tend to add t the QRM in already badly crowd ed bands. Try to work operator who are more advanced than yo are; this will increase your pro ficiency and code speed. If to fast, they will QRS on your re quest. Use the "Q" signals — they were intended for simplify ing CW operation. Write thi column for a very attractive lis of "Q" signals for net operation It is designed for quick referenc from the operating position. Joi a net and add many enjoyabl hours to your hobby, and at th same time meet a fine group fellow operators who are alway ready to assist you. See you nex month. 73

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HC—10 conv.	VALIANT	NC—303	ELMAC AF-68
HQ—170	RANGER	NC—400	GONSET GSB-100
HQ—180	10m Trans-cvr	HRO—60T	GONSET GSB-101
	6N2 Converter	VFO—62	

KENTUCKY EDITOR FLOWERS TO DADE CD

The following was clipped from e Kentucky Ether Clippings ited and published by W4CDA Danville, KY.

"Your editor put on sunglasses d hit the road for 1112 miles uth to Miami Springs where he tablished an eyeball with W4-T, SEC of Eastern Florida, o took him on a personally nducted tour of Civil Defense m stations in the Springs, Cor- Gables, Hialeah and the main station set up in the Dade Coun- CD Control Center, a $176,000 ilding with walls and ceiling 2 et thick! Whoooee! Blow me wn and take my watch and ain! The boys in Florida have setup outa this world.

The suburb cities like Hialeah d Coral Gables have spent (Thru leral matching funds for CD) ound $2,000.00 each for ham ar, each station set up with a nger and an HQ-140 or perhaps B&W5100 and a 75A3. The ole county (Dade) has brought out $28,000.00 worth of radio uipment under the CD federal tching program, and Florida in business. They have an ama- r operator employed (W4DTV) full time in the CD center.

The communications network is set up for local (City/count,) Mars, phone and CW, long haul and whatnot. Just name it. They-'ve got it. Weekly drills on Monday night are held, and the operators we talked to on our visits (during Monday drills) were all enthusiastic and proud of their Civil Defense. In traveling down and around Miami, W4IYT/mobile was in communications with the various stations in the drill and they knew at all times our location.

Come on Kentucky! Lemme hear that clarion call for action. Nope, we don't have to go as far as Florida, but we oughta have sompn set up for our Civil Defense instead of nothing. Don't you agree?

(Editors note: Thanks Al for the flowers. Welcome back anytime!)

TAMPA CLUB HAS NEWSLETTER

TARC, W4DUG has a newsletter published by K4EHQ and K4LML. Book 1, Vol. 1 arrived at Box 501 on sked.

Officers for TARC for 1960-61 are: President, Herb Smith, K4LML; VP, Pat Patrick, W4-GML; Secretary, Tom Hintzen, K4EQH; and Treasurer, John Fogarty, W4CI. Directors: W4-DDM, W4GLZ, W4KRC, Joe Turrentine and Louie Wilkerson.

At a recent meeting it was voted that the club meet once a month, for July August and September on the 3rd Monday. The next meeting will be Monday September 18, 1960. The meetings this summer will be decided at the meeting before and our next will be a full session.

Milt Faivre, K4EBT, has taken over the Civil Defense truck We are hoping for the best for Milt. The C. D. put on a fine demonstration at Britton Plaza and we feel sure it was a success. Tom, K4FQH was on hand to help with many others.

We are happy to hear John Fogarty W4CI, was not too badly hurt in the accident he had.

Anyone having news for our NEWSLETTER can reach the Editor at 83-4881 after 1530. We are in need of lots of material for use in this and any and all help will be very highly appreciated. See you on the 18th.

73 K4LML/EQH

VISIT OUR SKIP ADVERTISERS AND MENTION SEEING THEIR AD. THEY WILL LOVE YOU FOR IT AND SO WILL WE. THEY HELP MAKE SKIP POSSIBLE.

LORIDORA YL ACTIVITIES

by Fran Adams, K4PPX

The main topic of conversation the nets lately is about the up- ning Floridora YL Week Jan- ry 8th to 15th, 1961.

The Floridoras have received a e letter from the W.R.O.N.E.S. nking us for the quilt patch d the 24 hour clock. The clock s won by K3EDO.

A recent Sunday paper in Mi- i had a very nice feature arti- about one of our lovely Flori- as, K4VRV, Rinnie of Home- ad. The article told of her ham tory, her studies to get her ket and her thrills in talking her son and other servicemen erseas. A picture of our Rinnie rned the page.

Shirley—W4WPD—has finish- all the stencil work on the nstitution and Amendments d has mailed them to K4PPX— an for printing. A very nice well done, Shirley.

Anyone know of any licenced eat Grandmothers? A new b is being formed if enough M's are found.

APPY BIRTHDAY FLORI- RAS:

Sept. 2-K4OJD; 8-W4MUY; 9- PLT; 11-W4BIL and W4PPQ; K4RNS; 19-K4AQM; 20-K4- V; 22-W4BWR; 27-K4ZRM.

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NEW BOOK

Many books cross a reviewer's desk, but few are as interesting or as unusual as John A. Comstock's "Electronic Tips and Timesavers."

Over 300 highly ingenious, time and money-saving tips are listed. . . . tips the average reader couldn't even begin to think of. But the author has no trouble, for he is undoubtedly the "Kink King" of electronics. Over 1,000 of his helpful hints have appeared in scores of electronics, mechanics and photography magazines.

Written in a down-to-earth style and illustrated by the author, these hints will help to solve many of the problems the eletronic technician, engineer, builder, experimenter, or hobbyist might face. These are not will-o'-the-wisp items pulled out of a hat! They are practical, bench-tested kinks that will save the reader much time, money, effort, and frustration.

"Electronic Tips and Timesavers" is available from electronic parts distributors and bookstores throughout the country, or from Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. (Price $1.50 — 96 pages)

TPTN

CONFUSION! That was the password for the month of July. With many stations on vacation and without a net manager the net was headed with great speed toward the deep six, but with the help of a few faithful members the crisis was weathered.

Want to welcome back to the net W4TRS Bill; K4KGB George; W4DUE Preacher; glad you fellas made it.

Congratulations to Ham K4SJH for a fb job at the Boy Scout Camp in Sebring. Heard it was kinda wet, Ham!

Having the best net and traffic system in the country, I think, we ought to have better support from the state at large. With 4 phone nets, 2 cw nets and a SSB net, there is something for everyone. Take a half hour and check into a net and help insure that amateur radio stays in the spectrum providing a public service. Four sessions were missed this month, 302 stations, 112 messages.

73 and BCNU at 1730est on 3945kc.

73, Dan, K4EHY

NAVAL RESERVE RADIO NETWORK

According to Navy OPNAV Instruction 2000.22 from the Department of the Navy, Washington D. C. any member of the Navy, Fleet, Naval air, Marine Corps, or Coast Guard, regular or reserve, who is a licensed radio amateur and operating as an individual Naval Reserve radio station and stations at Naval Reserve training Facilities may participate in the individual national Naval Reserve Radio network.

The purpose: to activate and provide information and instructions covering the individual National Reserve radio network. Provide a common circuit for Navy, Marine Corps and Naval Reserve radio station. A means of exchanging information, instructions and technical ideas. Improve operating proficiency. Stimulate further interest in all phases of the Naval Reserve Communications Electronics Program. Determine, from time to time, the potential readiness status of selected stations to form a nationwide network.

Stations authorized to operate under the individual Naval R serve radio station concept. Fr quency, 7375 kc primary, ar 4010 kc secondary. Master NC is NCR in Arlington, Va. N time 0200Z. C. W. only will b used. Minimum power consis ent with good communicatior shall be used. Net not intende for use in passing official tra fic, except in an emergency. N will commence on each Frida This schedule should not excee two hours duration.

Call signs: Stations at re serve training facilities will us their assigned Navy call. Ir dividual stations will use thei FCC licensed call and will pre fix the call by substituting th "W" or "K" prefix with th character "N" followed by th amateur call area number an call letters then suffix as th final character (s) the amateu call prefix: W1ABC to N1AB CW, K1ABC to N1ABCK, WN1 ABC to N1ABCWN, WA3CL to N3CLTWA, and KA6NTZ t N6NTZKA.

For more details you migh try a letter to Frank Virder Naval Reserve Radio Network Dept of Navy, Office Chief Na val Operations, Washington 2 D. C.

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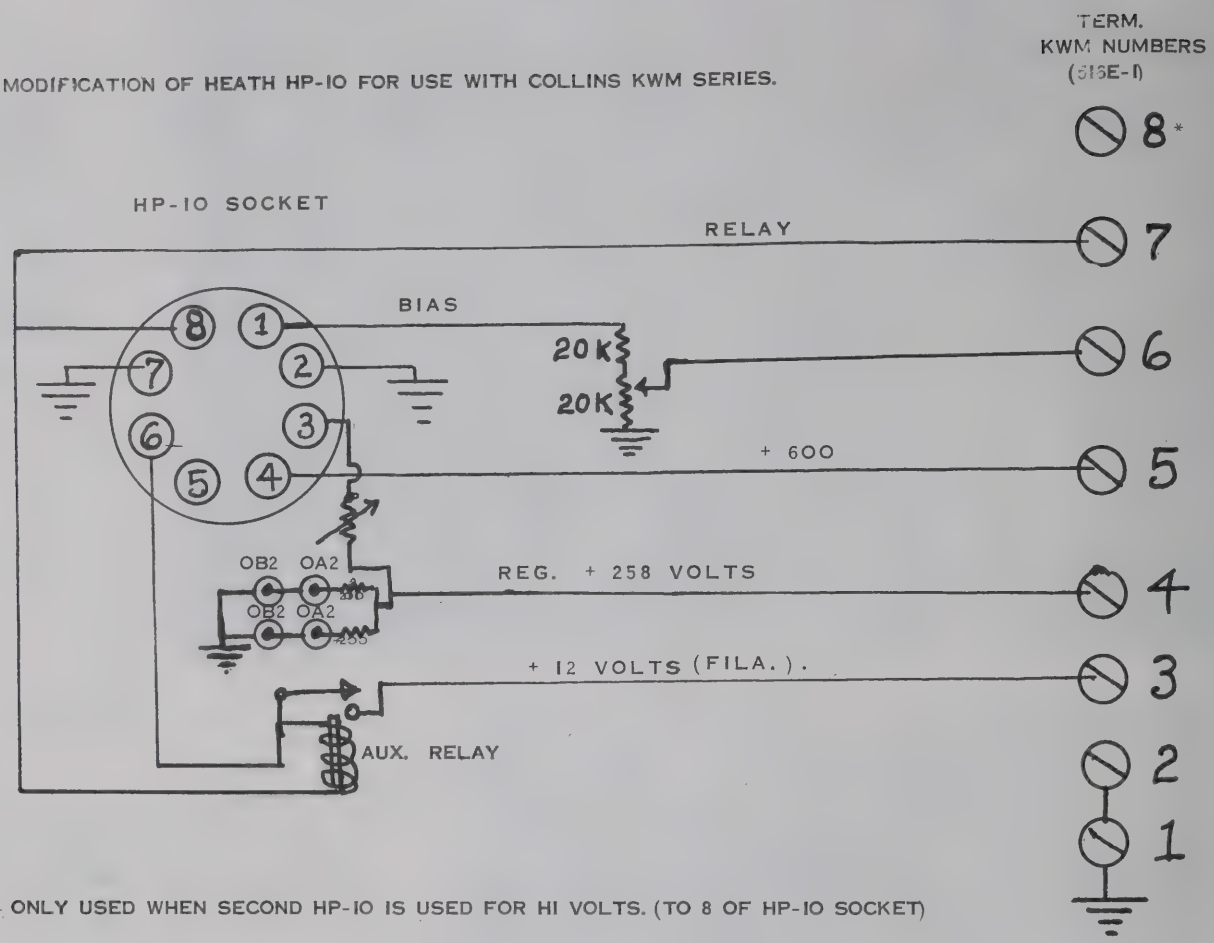
FLORIDA SKIP's
GUEST EDITOR
Al Alcock, W4CDA
Editor & chief of
"KENTUCKY ETHER
CLIPPINGS."

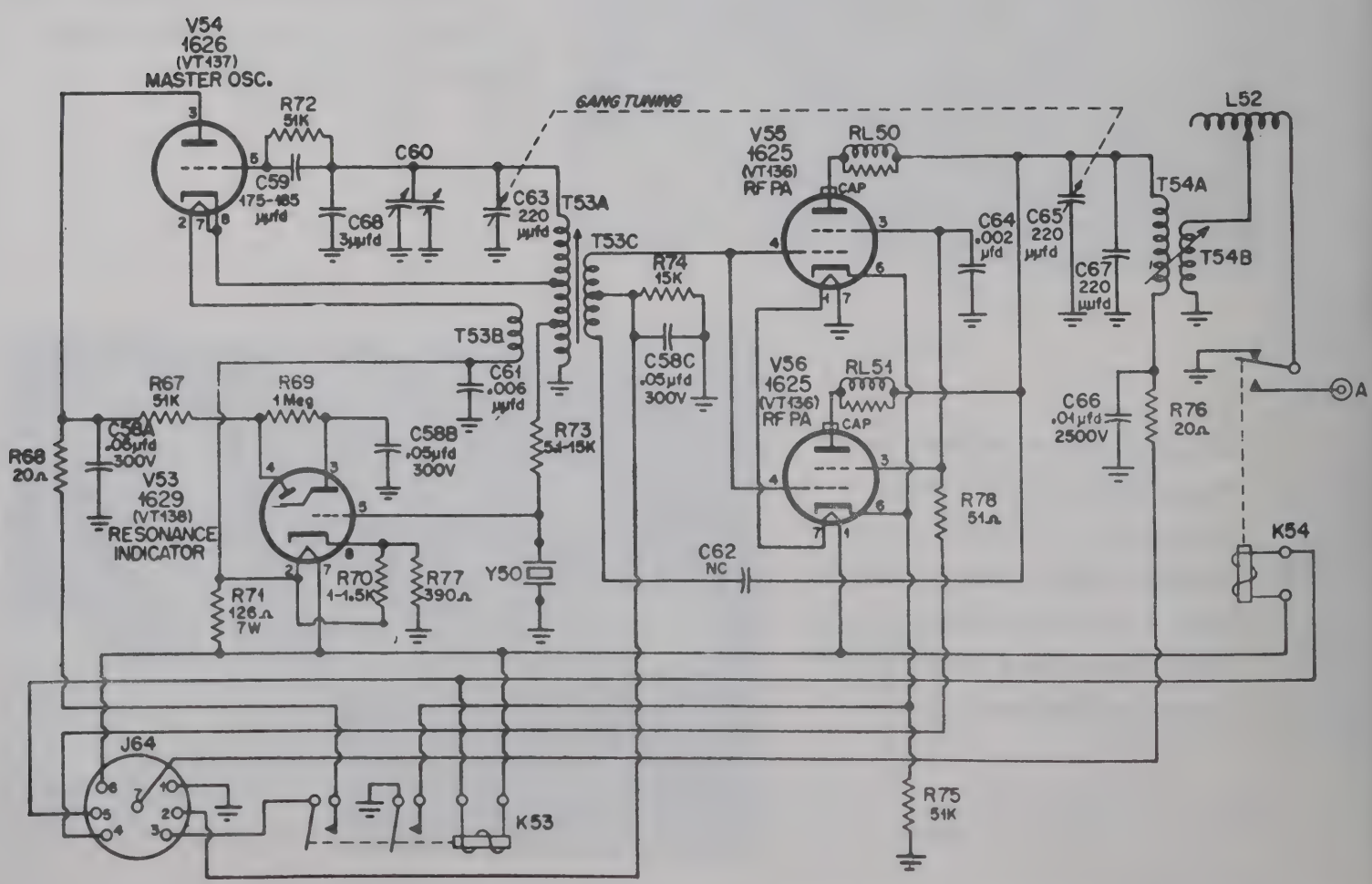
Here is Thomas D. B. Dickie
K4COO of Auburndale, Florida.
Tom is a true lover of c.w.
(Which are hard to find now days.)
He can be found pounding brass on
most any c.w. band.

This big smile belongs to
Wayne Cole, W4LTE past
President of the St. Pete
Amateur Radio Club. He has
been a charter member since
WWII. Wayne has spent many
hours in Emergency nets.

MODIFICATION OF HEATH HP-10 FOR USE WITH COLLINS KWM SERIES.



* ONLY USED WHEN SECOND HP-10 IS USED FOR HI VOLTS. (TO 8 OF HP-10 SOCKET)



Typical Command Set transmitter wiring schematic with power plug connections for the "BC-" series.

ANSISTOR MOBILE POWER

. E. "Dick" Adcock, W4GL

Iaving finished up the as-ıbly of the new HP-10 mobile ver supply and completed test- the unit, I was impressed t this is a very rugged, un-rated device and this gave the idea of making some difications to enable the use this unit with the Collins M series transceivers.

'he bias supply of the HP-10 modified by including a entiometer and load resistor provide an adjustable bias und the 65 volt figure called by the KWM series.

'he 300 volt tap would prob-y be acceptable on receive dition but I had fears of what ıld happen to the 6146's with volts on the screens and I refore modified this section by orporating an adjustable drop-g resistor in series with the l and a shunt regulating cir- consisting a series parallel angement of type "OB and " V. R. tubes with load divid- resistors. This modification e a regulated 258 volts, which ery close the 260 volt figure called for.

An auxiliary relay was added to switch the plus 12 volt filament circuit on when the normal relay circuit is energized by the closing of the mode switch on the KWM.

These circuits were brought out to a heavy duty terminal strip, with the terminals numbered to correspond to the 516 E. power supply terminad strip so that a bit less confuseion would arise when "Wedding" the two units.

The HP-10 delivers about 640 volts from the high voltage tap when loaded to 200 MA. and this rises to over 700 volts at no load. The duty cycle with SSB appears to be low enough to hit peaks of 200 M.A. plate current to the 6146's without exceeding the average load limit, while drawing 60 watts from the 300 volt tap and as the power capabilities of the 6141's is more dependent on screen voltage than on the exact plate voltage, satisfactory operation is obtained.

The success of this modification gave me further ideas. The idea of the 600 volt section "floating", unloaded during the receive periods was an objection and I also felt that I would like a little more margin on the ratings which would permit some heavier loading.

A second HP-10 was assembled and used for the high voltage supply only. This unit required no modifications as the relay circuit was connected to the 516 E. terminal so that the vox relay circuit of the KWM actuated it and therefore unit number 2 operated only when transmitting. This made a steady 200 M.A. at plus 650 volts available for the final tubes. The bias tap, the 300 volt taps were not used on this unit.

The two units, regulator circuits, auxiliary relay and 516 E. type terminal strip were mounted on a single chassis. I had a Heath mobile tray on hand, which I used for this purpose and it worked out very well.

Total cost, just a little over $100 and for a supply good for 240 watts continuous and over 300 watts, in SSB, this appears to the writer as at least a fair answer to the problem. I am sure that there are a lot better answers — this unit is not "UTOPIA", but it works well.

73

S. E. Adcock, W4GL

SOLID CONTACTS

Walt Stock, W4IIS of Miami advises he is still working portable from Lake Placid, Florida, 140 miles north of Miami on U. S. 27. He has never failed to work Miami on 6 meters after 7 trips since November 15, 1950. Walt is changing from a 4 element 12 foot boom to a 6 element 20 foot boom July 30th. Give a listen for him on 50,250kc.

FLORIDA QFN BULLETIN

Jerry Green, K4UBR, co-manager of the Florida c.w. QFN net, publishes a net bulletin each month. Jerry and Lee, W4ATA, dish out many good tips on handling traffic on c.w. Check in on QFN any evening at 1830 EST on 3650 kc and receive this fine bulletin. See the QFN column by K4FMA elsewhere. QFN needs YOU!

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WILL YOU SURVIVE 1961?

Guernsey Curran, W4GJI

In my wanderings I have found that most of us are interested in RACES or emergency communication related to Civil Defense can afford only limited time to the effort. The result is that we try to cram such highlights of the specific plans and procedures as we can in not too long and quite infrequent sessions. Thus we seldom have time to learn anything about the overall picture of civil defense, its purposes or even the roots from which it stems. We are going to try to project a summary of the basic factors.

First: What is Civil Defense? It is the National effort to protect the people of the United States in the event of an attack or a national disaster. The National Plan is promulgated in accordance with the law. It is written for the purpose of establishing non-military courses of action to be adopted from the Federal level right down to the very smallest municipality, as well as the role the individual citizen must play to enable the nation to survive and recover. Every man, woman and child in this country is effected one way or another.

Let's take a look at a Florida road map. Concentrate for a moment and envisage a blast with the colossal power of from 5 to 10 million tons of TNT exploding in your area followed by a pattern fallout extending away for miles as it is carried aloft. Think of the devastation, death and destruction at the center of impact and then carry along with the various radiation intensities of this fallout as they progress to the outer rim of the pattern, and which we must protect against by adequate shielding and/or movement. Where there is still the living fear, panic and shock prevail. There must be control by definitive thought and action. Countless lives must be saved by well ordered rescue, medical treatment and evacuation. There must be firm hands available at once to calm and restore order and then, lead the way to safety. This is the first step in survival and where and how to go becomes paramount through knowledge — knowledge which can be gained only through preparedness for any contingency.

After survival must come recovery — a re-establishment of life continuance so that in all parts of the nation we shall be able and ready to rebuild in every sense. This will require determination which in itself must be bred from knowledge and leadership and the ability to evaluate the available resources and to set in motion their most judicious uses. Obviously this can be accomplished only by true continuity of government in all of its forms, at all of its levels at whatever seats may be established by various prearrangements to fit the problems incident to the crisis.

Local government will have under emergency conditions the most awesome and immense responsibility of any level of government. It is here that the attack will first strike and that the bulk of both State and Area plans must ultimately be executed. The actions of local governments, taken in the aggregate, will make the difference between life and death and between order and chaos.

Under the basic plan the nation is divided into regions and again into states thereof, each of which draws a State Plan. Under the Florida Plan the counties are are divided into six political subdivisions such as Southern, Gulf, Central, Northeast, etc. which are designated as Operational Areas. Each of these has a Survival Plan for the group of counties contained and from this each county draws a plan from which in turn is drawn a community plan from which directly affects its populace.

The object of all these plans is to assist government at all levels to reach operational readiness for any emergency and to provide each and every person, before, during and after emergency with instruction which is essential to survival and recovery.

Everyone must be completely aware of the full scope and danger of the threat and be certain of how to meet it effectively.

Under our State Plan the counties are designated as 'target' or 'support'. At best these determinations can only be made by means of the current speculative evaluation of enemy intent and there must be flexibilty here and latitude there, for support must be alert as a possible target in case of a stray and vice versa.

However, the entire scope of all levels of operation must lie positively in the framework of Government and all exigencies must be met forthwith accordingly, for this is the law.

We in communications often feel that our phase of any operation is of supreme importance. True, we cannot go far without intelligence and communications is essential therefor. Nevertheless, it is obvious that communicated intelligence is of little value if, upon its receipt by authority, there are no prepared resources available to effect any remedials or implement constructive action.

Let us consider, then, what must be integral inorder that a planned and beneficial ultimate may result.

We encounter a burst with little or no warning. What must we have planned to go into immediate effect? Control must be immediate — we must have Police, Fire fighters and Rescue teams. Radiologists must commence evaluation along with the Weather men. The pattern must be established as rapidly as possible so that a determination may be wisely made for an evacuation movement. The planned methods and routes must go into effect and transportation and supply forwarded. Now we must ha communication to impart intel gence to the Civil Defense autho ities and again from them to t agencies in the field and above to the people. This requires car ful, competent coordinated pla ning.

So, through fire and debris a confusion we forge our way o and away from contamination an area of safety and the aid th has been planned for us there, v hope — and, perhaps we surviv What now of our health and we fare? There are those left behi in such emergency hospitals st tenable — others, Doctors, Nu ses and the Red Cross are alon with us. Where is our supply We need water and food, clothin and bedding and tents — an above all — Faith. So where our clergy? Their place with has been planned and they a here among us.

Ahead lies the future — wh does it hold for us? We lear that a seat of government for o Area has been established. R sources such as food, clothing implements, fuel etc. are froze and ready to be rationed as pla ned. Administration has provid a continuity of government a the normal course of the law the land is in effect. Units are the field registering, identifyin and assembling all the categori of manpower. Economic team are at work readjusting. T morticians have gone to the tasks. We face each other b wildered, grief stricken a bereft, but, if our planning h been well done and adhered t Faith will reassure us and pr pare us for recovery; be the Go Lord willing.

Remember and be sure that w cannot afford to speculate in su vival. If ever the day comes, a each day we are warned outrig that it can, when the Plan brought into battle action, t resultant effects will be entire dependent upon the support w have previously given it. The will be no time then to prepa for what we should be doing t day. Can we but achieve NOW state of non-military readines overriding the apathy and fata ism which exists all about u then, perhaps we may be able survive — BUT, there must b respect and compliance.

The blueprint is drawn, but i real potential lies smack dab the laps of all the citizens who active support and participati are a pre-requisite in the abso lute. Otherwise — NIETSKY!

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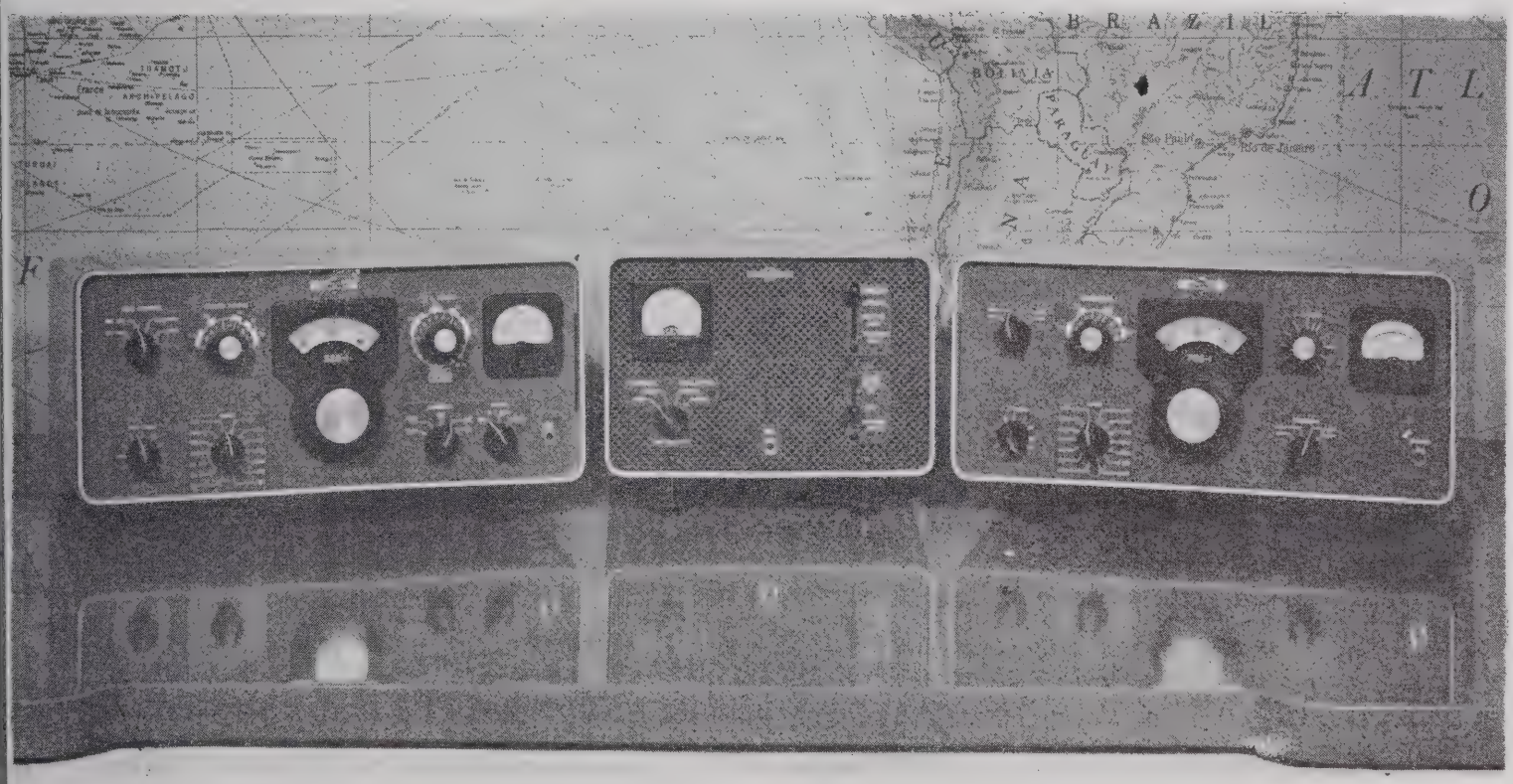

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WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Field Day in NW Fla. found clubs from Tallahassee (W4YU-U), Panama City (K4FDS), Pensacola (K4ALI), Eglin AFB (W4-SRX), and Thomasville, Ga. (W4-UCJ) operating. PCARC had most contacts, but TARC had high scores.

Steinhatchee: UZB is new EC for Dixie County. Perry: KQP and K4FTG arranged for your SCM to visit a number of hams while in town, including ZWY and K4NJH.

Tallahassee: TDT is in school at F.S.U. K4PVU, CHZ and YUU have left for college, the latter two for graduate work. MXE is finishing a new xmtr. K9EDJ is AP teletype maint. man for North Fla. area. CMG has moved here from Ga., and lives next door to K4VLE. MLE made WAS 50 between April 1 and May 17. Quincy: W5YMO has moved here to work for gas pipeline outfit.

Marianna: Active here, all on 40m phone, are K4TTY, AIA, K4-CDU, PHV, RIH, RZE, SZH, & K4ZTQ. Madison: PBO will be on 6m soon. KN4VOK just rcvd. ticket, but is moving to Kansas.

Defuniak: W4HQN's XYL received call of W4OSD, and will be on soon. Eglin AFB: Local hams are taking part in several drills conducted by Air Force and County CD officials.

Gulf Breeze: K4ZMV is now ORS & OBS. Pensacola: Parasities has gone high class, with photos & a new format. K4SWQ and Editor K4SMB hope to expand mailing list to all of West Fla.

QN SIGNAL CHANGES

To all c.w. traffic men please note the following changes issued to improve c.w. net efficiency.

QNQ — Move frequency to . . . and wait for. . .to finish handling traffic, then send him traffic for. . .

QNV — Establish contact with . . .on this frequency. If successful, move to. . .and send him traffic for. . .

QNZ — Zero beat your frequency with mine.

By the way Florida Skip has on hand about 450 QN signal cards (post card size) free for the asking. Drop a card with your full address to: Skip, Box 501, Miami Springs 66, Fla. Net managers, state your needs.

GENTLEMAN OR LID?

It has been said that there is no lack of cads where there are Cadillacs; that there is something about driving a prestige car that brings out the latest "snob" in every man. It can be said also, with unpleasant truthfullness, that lack of face-to-face contact often impels operators of amateur radio stations to do things "on the air" that they'd never dream of doing otherwise.

A most flagrant example is the use of "Break, Break" when one wishes to join in a conversation already in progress. Can you imagine a group of gentlemen sitting in a club, enjoying a cigar, a brandy, and a bit of pleasant conversation. Imagine further another "gentleman" coming up to the group, desiring to join the conversation; as he approaches he screams wildly, Break, Break, Break, Break!" It requires no stretch of imagination to visualize, just how "welcome" he is! He would be cut dead for the boorish cad he is. Yet, every day, one hears countless amateurs being guilty of the same lack of basic courtesy. Why? Think about it a bit—and next time you feel tempted "to act the lid", pause and ask yourself the question, "would I do this if I were with a group of gentlemen?"

(Collector & Emitter.) (Recopied from FLORIDA SKIP.)

FPTN CHATTER

The Florida Fone Traffic Net meets daily Monday through Saturday at 0700 on 3945 kcs. All stations are welcome to check in.

This has been one of our better months, with a last minute pick up in traffic due to the fact that Ham K4SJH was over in Sebring at the Boy Scout Encampment. Ham we all think you did a wonderful job and we want to commend you for a worthy cause. For those who don't know, Ham set up portable and handled traffic to the boy's families back home.

Believe it or not, K4UGE Naples didn't check in the 27th. Man, that is so unusual that it caused me to be confused. John is one of the steadiest men . . . .Two old net members who have checked in this month are K4KGB, George and K4DAD, both from Stuart. Gosh fellows, you don't know how welcome you are.

Well, we are into our second month having several net controls and they have done an outstanding job. It sure is nice to sit back and just take it easy, knowing that the net is in competent hands. Again, want all members to get out and hustle up traffic. I'd like to see this net be a leader in the state of Florida in traffic. Watcha Say??

Had you ever wondered just what K4DAD was running??? I pinned him down and this is it. . . .HRO Receiver, a DX 40 with home brew 200 watt ampl fier. . . . heathkit VFO . . .all fe into a 80 meter folded diapole.

Mighty glad to have the se vices of W4OLV, Bill in Miami . He and W4ZPO have been doing wonderful job handling traff for Miami and surrounding area You know, you just can't realiz how close knit our net is, until a emergency comes along and a stations cooperate to obtain common goal. A good exampl was K4MTP and K4VNA an their efforts in locating wha might be called an unknown pa ty. Happy ending, contact wa made.

Fellows, Hurricane season i here so let's all be thinking ho we can best assist in case of an emergency. This is one thing w give the least amount of consider ation . . . .Suppose an emergenc was to exist in your area . . . . Just what would you do??? Cor tact your local EC and find ou how your services can best b utilized. . . One potential we a forget, is the 80 meter band. don't cut it short, it can be used t an advantage, especially locally .

That about wraps it up gang so take it easy and don't let you finals get to red . . . .

Herb . .

If your wife insists upon wear ing the pants, look around fo a skirt. (Parts Pups

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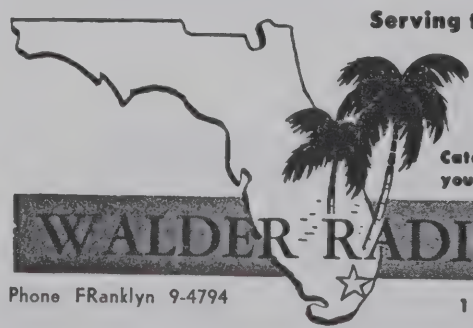

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FLORIDA SKIP 50MC

HONOR ROLL

	States	Countries
V4KKU Miami	48	
V4GJO Sarasota	48	23
4HNS Miami	48	12
V4CQP Hollywood	46	26
V4EQR Pensacola	46	
4HIL Pompano Bch	46	17
V4FNR Ft. Laud.	45	19
4QN Orlando	44	
V4RMU Jax.	44	17
V4IUG W. Palm	43	14
V4HZG Hialeah	42	12
V4AYV Umatilla	42	
4QHN Sarasota	42	
4GKL Miami	41	15
V4LIP Miami	41	
4QXB Miami	41	
4PPX Ft. Laud.	41	6
V4FBL Jax.	40	12
4SCS Miami	39	10
4HSW Miami	38	9
V4CIL W. Palm	38	5
V4EHV Miami	37	
4KUY St. Pete	37	
4DMB St. Pete	37	
4MVJ St. Pete	37	
V4AKB Miami	37	
V4MBJ Jax.	37	
4QQE Ft. Laud.	37	6
V4GWF W. Palm	36	
4AGM Pensacola	35	
4DZP Hialeah	35	
4UGA Hialeah	35	5
4RKV Hialeah	35	5

E ALL FLORIDA CW NET

uly's report shows our best mmer month yet, and I think even equals some of the Win- months. The reason: 34 sta- ns 246 QNI and 295 QTC. A lly good showing! During y W4ATA and W4MLE both cked in 23 times.

Now that we have a fairly od traffic volume each month, would like to round out our erage of the State as a whole. ny of the larger cities even heavily populated with hams e failed to even have one ular check in. This is a pretty l showing in some cases. In er cities the story is just the posite. Let us hear from some the larger cities which are lly needed for example, Jack- ville, Orlando and Tampa.

George - W4MLE helps QFN getting traffic from visitors the Florida State Capital lding .Yours truly has been ing much trouble since I w up my milliameter in my nger. Will be back as soon possible.

That's all for this month — pe to see you on Sept. 4 at Daytona Beach Amateur dio Association Hamfest.

73 - Don K4FMA

THE UNBELIEVABLE DONE

Two events of extreme significance to amateurs interested in the UHF portion of the spectrum took place on consecutive days in July. On the 20th California to Hawaii was bridged on 432 mc, and the next day a transcontinental QSO via the moon was made on 1296 mc.

KH6UK and W6NLZ have been running nightly tests on 432 Mc, hoping to duplicate their record breakthroughs on 144 Mc in 1957 and on 220 Mc in 1959. On July 20 W4NLZ heard KH6UK on 432 Mc for a period of hearly 7 hours. When first heard at 2010 PST the signal was weak and fading into the noise, but it built up to an S8 level by 2300. It remained strong for about an hour and then dropped off steadily until the test was terminated at 0340 PST. Receiver trouble at KH6UK prevented two way communications on 432 Mc. With no signals for test purposes he had no way of knowing of the deficiency, and by the time the trouble was found and corrected the opportunity for two way work had passed. The path was open again the evening of the 21st, but with much weaker signals.

On June 17, months of work paid off for W1FZJ, Medfield, Mass, when successful moon bounce tests were made on 1296 Mc. with W6HB, San Carlos, Cal. These preliminary tests were followed on June 21 by two way communication on 1296 Mc CW between WIBU, station of the Rhododendron Swamp VHF Society and W6HB, operated by members of the Eimac Radio Club. Signals were held over the 2700 mile path for several hours on both occasions.

Full details and pictures in September QST.

FLORIDA SIDEBANDERS

The summer doldrums are upon us. The last weeks have been rather slim as far as members go, on 3940 at 1700 Sundays, but the few present make enough noise for all. The Florida Sidebanders continues to grow, for each week we seem to gather a new station into the fold. It is hoped, however, that more of the originals or charter members will make it a habit to join us on Sundays.

Any organization is only as good as those who belong to it, and can operate only as long as it's members are active. If you have a gripe or complaint, the best way to create a change is to attend meetings and express your views, calling for a vote. 3940 at 1700 Sundays — Be there!

Flat Toppings . . . .

Our plaudits to GJI and YJE for interesting and informative programs.

Heard from ZJ on August 7 via land line to GJI. Tony has a receiver now and listens to the gang. Hopes to have a xmtr soon.

Max, K4ODS, is back after a bout with the mumps. Funny how Max's voice changes every time he reads the minutes . . . Nice job, Mom!

Tip, W4GJI, couldn't figure out the other day why he was getting such poor signal reports. On investigation he discovered— A fast moving local storm had blown his antenna down and he was nicely modulating the chicken coop! Tip, that's getting southern fried chicken the hard way!

Friends, that's SK for this month.

Burt, W4CNZ

THE ARINC STORY

PART III

(This is a story of how some 14 Miami amateurs get in their required 40 hours a week on the key or mike operating. For pay, of course. Read on Ed.)

MIAXA operates a total of 8 radioteletype circuits most of them at 75 WPM and others at 60 WPM. Two circuits, to San Juan, Puerto Rico and Mexico City are four-channel electronic "MUX" and provide direct connection for the airlines to and from their own teletype systems and between offices such as Dispatch or Operations and Reservations. Riddle Airlines, for example, through their own teletype network and IBM machines exchange Telebills (Air-Express Waybills) between cities in the United States and San Juan, Puerto Rico. A single MUX channel usually serves for liaison and the handling of miscellaneous Six RTTY circuits operate with dual-frequency shift and automatic sequential equipment which provides maximum speed of traffic handling and direct connection between airline systems and offices.

All teletype circuits are controlled from a Supervisor's control position equipped with a complete jack field at which all circuits can be "patched" and monitored. One large panel provides visual and audible alarm on all circuits and push-button control for stopping traffic, inserting printer monitors and keyboard machines for the purpose of talking to the operators at other stations, inserting tape transmitters for hourly identification signals, "FOX" and "RY" tapes during frequency changes and maintenance adjustments.

The Supervisor's control position is also equipped with teletype distortion "counters" which alarm when distortion approaches the "garbling" point. A "distortion analyzer" oscilloscope is used to check causes of distortion and this scope is also used with a teletype printer to monitor our own transmission and other stations' transmission through a Collins 51J4 receiver. The receiver is also used for monitoring interference and the operation of voice and CW circuits.

Other indicators and controls at the Supervisor's position include indicators operated by the final output of all RTTY transmiters, emergency power indicators and manual over-ride control, transmitter and receiver controls, main and standby MUX equipment and a RTTY standby transmitter.

V.

a. In order to avoid interference and to provide antenna room, transmitters are located several miles from the station and receivers are likewise "remoted". Control of this equipment is by means of telephone cables. Diversity cable routing is used plus spare lines which insure uninterrupted service. Automatic emergency power is provided by gasoline-engine-driven generators which cut in automatically on failure of city power. The control point is similarly safeguard.

b. Various non-directional type of antennae are used on air-ground frequencies for transmitting and receiving with fixed-tuned receivers on each frequency at the Remote Receiver Site. Rhombic transmitting and receiving antennae are used on most point-to-point CW frequencies and on all RTTY circuits. Radioteletype receivers are fixed-tuned on diversity Rhombics and long wire VEE's.

c. As to transmitters, all HF air-ground and CW transmitters are 3-kilowatt or 1 KW. 400 watt standby transmitters are available for use in event of regular transmitter breakdown. VHF transmitters are 200 and 300 watt main and 50 watt standby. All radioteletype transmitters are 5-kilowatt.

PART IV Next Month

MEET THE SCM

Frank M. Butler Jr., W4RKH, 494 Elliott Road, Fort Walton Beach, Florida is the SCM of Western Florida. Born in Anniston, Alabama March 6, 1925. He attended the U. of Alabama and Ohio State University. Received his B.S. in Electrical Engineering, plus graduate work. Frank is with the USAF (Civil Service) as a electronic engineer after working as broadcast engineer with WHMA and WHTB. He was in the Army Signal Corps during WW II.

Frank became interested in amateur radio in 1940 and received his first license in 1950 as W8GBS then W4RKH. His SCM and OPS. He copies code at 20 WPM. Served for many years as Secretary and Treasurer of the Eglin Amateur Radio Society, Eglin AFB, Fla. RKH is Radio officer for Okalosa County RACES. He participated in Florida hurricanes in 1953 53 and 59.

Equipment-wise: Collins 32V3, 75A3 SX-24 BC-683'S (3) Home built xmtrs, Gonset G-66 & G-77-A for the mobile, SCR-610 portable 10 meter rig, 2500 watt gas generator. He likes swimming, tennis and bowling. Mr. Butler holds a Amateur Extra Class license since 1952. Commercial Radio 2nd class.

See photo of W4RKH on our "Photo Page" elsewhere.

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THE FLORIDA DX CLUB

The Florida DX Club was founded in May 1959, as an outgrowth of the South Florida DX Association. It is a co-operative — competive" type of DX club, which seeks, through interchange of DX information to better its members' DX standings. Through "landline" calls, or mailed bulletins, members are kept advised of any new or rare DX activity. In addition, the club compiles lists of each members' accomplishments for distribution to the other members, so that each can know what the others need to complete certain awards. From time to time the club publishes unusual QSL addresses, so that all members are aware of these.

The Club issues two Awards: The "One Kilo-W", available only to DX Stations, and the "Florida — Dx Award".

The Club itself, by its membership requirements and by its special requirements for holding office in the Club, seeks to be an incentive to DXers. All members of the Florida DX Club are also DXCC members, and this, along with residence in the State of Florida, is a basic requirements for membership. To hold the office of Chairman or Vice-Chairman, the member must have a DXCC score of 200 or more, or have won a Section DX Contest Award, or hold at least five recognized Dx awards.

Once a year, the Club makes an award to the member who, in the opinion of the membership, has made the most outstanding accomplishment in DXing during the preceding year.

Dues are nominal, two dollars per year, payable July 1st, and are used to cover cost of mail, stationery, awards, etc. New members joining between July 1 and December 31 pay $2.00 and those joining between January 1 and June 30 pay $1.00.

For more details and membership application drop Chuck Bolvin, W4LVV — 2210 S. W. 27th Lane, Miami a card or radiogram.

LAKE WALES ARC FD

A delayed field day report from Lake Wales reports they had a bang-up time. The site was at Hugh Sawyer's QTH on Lake Aurora. Using 5 bands and one transmitter they racked up 402 contacts for a score of 2682 points. All club members pitched in and worked hard throughout the contest.

LWARC betters this years' record 10 per cent: 366 vs. 402 contacts. They all have plans to do even better next year. —W4-LJM

SKIP FEEDBACK

Picture of FN get-to-gether includes W4LAP, W4GOG, W4-HED, W4IYT, W4OZC, and W4-SVX . . . . Surprising explanation of the origin of the term "Ham" . . . . A reminder of third party traffic countries . . . W4DTV and W4KGJ finally get a satisfactory ordinance for heigth of antenna poles. . . . SEC starts a list of Emergency Coordinators in State. . . . SKIP thanks editors of Bison, Clix, The Mike and Key, Virginia Bulletin and Morning Watch Bulletin. . . . W4KKU and W4-FWI back on two. . . . New stations on two are KN4RKR, KN4PMC, KN4OZZ, KN4RDR, W4PYC, W9DYZ/4, KN4RKU . . . . W4UEL, W4NVF, W4HZG, W4ZXL and W4KKU are getting through to Sarasota. . . . BARC reports code and theory class every Tuesday night at CD building. . . . Daytona Beach Club halds first hurricane drill under direction of W4SDR. . . . Nineteen stations participated . . . . SPARCYLS have shower for K4LFA. . . . Club membership is increasing. . . . KN4PPX welcomed as new member. . . . W4BAV is made member of South African Women's Radio Club. . . .

W4DQA back from KS4 land . . . . W4CFA sporting new vertical . . . . W4TOD installs Gonset 66's and 77's in new CD truck . . . . ORC has W4TEE-pres., K4KNB-1st vice-pres., K4HXP-2nd Vive-pres., K4HZM- Secretary and W4QN- Treasurer. . . . Silver Springs reports eight trainees ready for exams. . . . Boy Scout troop next on training list. W4ASF is code instructor. W4DTV reports compiling Dade County ham index. . . . . NCS for FMTN are K4AYX, K4AKQ, K4CXW, W4SMK, K4-FFT, and K4FDN. . . . K4BNE appointed net manager FMTN . . . . Returning from vacation are W4DVR, W4PJU, 4CJE . . . . Nice article on making friends via amateur radio by K4KRJ. . . . K4BCN new NCS for Graveyard Net. . . . K4EIK in Marines . . . . Eglin Club participated in Operation Alert furnishing communications to CD in all major populated centers in Okaloosa County. . . . W4SJZ, president of South Miami Radio Club back on air with Viking . . . . Western Florida reports on RACES activity . . . .

K4BLM, master of ceremonies at Dade Emergency Net dinner . . . . Short address by W4IYT and W4KGJ. . . . KN4QBQ has new NC-88. . . . KN4PWS running 75 watts from a BC-610 to a rhombic (you read it correctly) . . . . W4LMT hurting for an NC on the FPTN . . . . SCM John Porter, W4KGJ, visits Manatee Radio Club. Ten visitors from Sarasota present. . . . John gummed his supper as guest of W4TAS. The SCM was introduced by club president W4ZRV. . . . W4BWR has been elected activities chairman of Brevard Amateur Radio Society.

W4TAS

DX IN FLORIDA

by C. J. Bolvin, W4LVV

With practically everyone vacation, getting ready to go vacation, or just getting ba from vacation, we almost took vacation from his column th month. Then K4YWZ came alo K6CQV/KS6 on 20 fon with the comment that he cou hardly take a "chow break" wit out missing some goodie so we have to list his new ones. Har added seven for 184/134: VR3K (ex 4S7KD) on Christmas, 140 at 1110G; HB1UB/FL on 20 for VQ5AU and 9U5KU on 15 fon PY7LJ, Fernando do Noronh 2000G on 15 CW, and KC6C Western Carolines at 1100G on fone.

Good ones which he is still cha ing are UM8KAB, UI8AG, a YI1WS on 20 CW and VS4J 14190 fone at 1125G. It must the lack of competition, hey, fe lers?

K4YCW almost got behin Harry, but he snagged the VR3 few days later. K4LRA has bee contemplating a new antenn farm. He can't make up his min whether to put up three or fou rhombics or the same number Vee beams. In the meantime, h schedules ZK1AR and will be QS manager for that station for a contacts after August 1. As usua a self addressed stamped envelop will be required. Since K4SX has made a personal QSY to Ne Orleans, K4LRA has taken ov QSL manager chores for thos stations previously handled by K SXO.

Speaking of QSL managers, th Florida DX Club has a printe list of approximately 500 DX sta tions with the associated QS manager. It is available to non club members at fifty cents, post paid. Send your request to W4 LVV.

W4IEH is somewhere up a round W2 land at last report an W4LVV will be trying out a re built HY-Gain in a few days Let's hear from a few more o you this next month.

73, Chuck

DAYTONA BEACH AMATEUR RADIO ASSOCIATION
Marge, K4RNS

When reading this column, r GABFEST will be over, we pe it has turned out as happy affair as planned. Thanks to who made it possible. Details ll be in next report.

The September meeting will an election of officers for the ning year, and the nominating nmittee is hard at work. K4-AB Ed, chairman; K4UJW lam, and W4PLO Ike. All mem-rs are urged to attend to vote their choice.

The 10-meter local FM net, 650, is progressing FB. The se station is set up at Red oss Headquarters. W4SDR, vde, in charge of its opera-ns. W4NEE, Charlie and W4-T Charlie gave a lot of their e converting and servicing the uipment with W4PGL, Law-ce, repainting, and temporary rage depot. Stations to tie in in New Smyrna Beach and nnell. Members set up so far K4KTQ/Mobile Joe; K4OVQ-Lou; W4HNV/M Jim; W4-T base sta. (Charlie).

W4NEE Charlie; W4PGL Law-ce, Base Sta.; K4PAC/M Jack iting for xtal. K4RNR/RNS, n and Marge, base station; K4-U Jerry, waiting for xtal.

Members are also urged to re-mber the Volusia Emergency t, meets the 1st and 3rd Sunday every month at 7225kc at 1330 T, K4RNR Jim, Net Control. se check in, hear the latest EC news and any important b news.

We were happy to have four itors at the July meeting: W4-G Art LaPlant, Daytona Beach KUH John Hinton, Daytona ach, K4FIM Bill Raoch New yrna Beach and his brother-in-K4OLM Bill Graham, Cheraw, C. K4KUH is filling out a membership application.

Field Day score — 3150 — nous last words — "We'll do ter next year!" We mean it .

Treas., K4RNR, Jim, reminds to ck their card and keep dues to date.

ty., K4RNS, Marge, reminds to come to Sept. 19 meeting, .m., FP&L Bldg., 228 N. Ridge-od Ave., Daytona Beach. Ham-t report and ELECTION.

ssip . . .

K4AM — so glad to have you tnding meetings regularly a-n; K4AQY, John, congrats on eiving license; K4BYU, going demostrate relays he donated club, at Sept. 19th meeting; ESI, where are you?

V4FSS listening to W4SDR's CW; W4FZV having fun with his mobile unit; W4HNV working harder on vacation for W4PGL than at school; W4IUR busy whipping up India Curry for W4-FE/K4ANR, she and OM K4-VNA had nice reunion of children and grandchildren recently; K4KTQ had quite a time getting his 10 meter mobile ready to operate; W3HLS/4 new call W4-PLO; K4RNM has a new hobby — girls! K4RNR/RNS entertained W4YEK and family;

RNS rec'd certificate no. 33 Certificate Hunter no. 34, 2nd YL awarded it. K4VNA - proud recipitant of FLORIDA SKIP AWARD, congrats Walt, we're proud of the FB job you did locating the person to deliver an emergency message to, under such difficulty..

73

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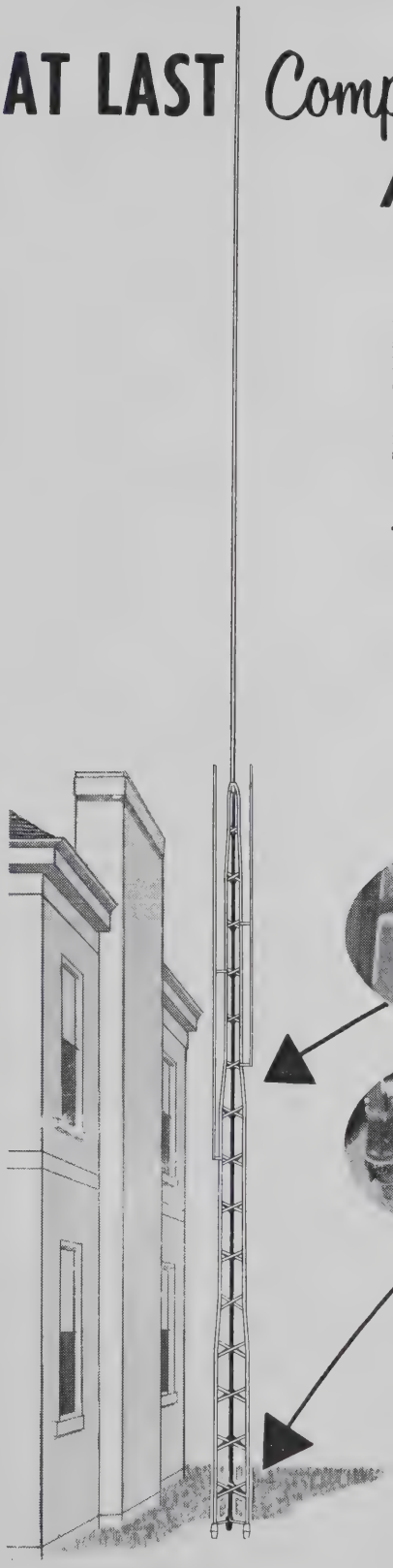

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FORT MYERS CLUB NEWS

At the annual election of the Fort Myers Amateur Radio Club Inc. the following officers were elected for the year 1960-61:

President — Bill Hueckel, K4-RQY

Vice-President — Jack Andrews, K4KPE.

Secretary-Treasurer — Ken Stewart, W4SMK.

The outgoing officers were thanked for their service during August meeting was a film titled Rescue Breathing on the new method of artificial respiration. This is of special interest to Amateurs since the danger of electrical shock is always with us, and the new repiration method is far superior to the older methods

The dues of the Club are $3.00 annually for licensed members and $1.50 for non-licensed members. Wonder how this compares to other Clubs around the State? Non-licensed members may vote, but cannot hold office according to our Constitution. Amateurs and interested persons in Lee County and the surrounding areas are always welcome.

Local Splatter—New Club members include Dennis K4RBS, Steve Barchak, and Albert Wilt.

K4RBS joins the local 6 meter gang with a mobile unit.

W4KOB is the new RACES Radio Officer for Lee County. Several more FMARC members are acting as alternate Radio Officers.

KN4LHD has dropped the N, as has KN4VGN. Congratulations Al and Bob.

W4KC has been back in town working with the FAA. Bill was a big help out at Field Day with the CW.

K4GUE has a home-brew quad way up in the air. Ken sez he dropped it one time but it bounced right back. Those quads must be good.

K4GUE and W4SMK participated in the JOCO Drill from Ft. Myers Beach and Ft. Myers, respectively. Ken (at the Beach) was on 40 meters, 75, and the marine frequency of 2670 kc. The other Ken was on 40 meter side band. Those of you who did not take part missed a good drill.

K4ZAP is spending some time up in his former home, Canada, keeping cool.

W4LNE and W4PJG have kept schedules with Larry W4KPO, on side band while he has made a trip to California. Larry has been able to phone-patch in to his folks quite often with the KWM-1.

Wonder what effects those new communications sattelites will have on some of the DXCC totals? If we put enough of them up we won't have to worry about the sun spots, ionosphere, etc.

See you all next issue. 73 Ken W4SMK

F M T N

Tip - W4GJI

This correspondent has been swampped for the past month. Hope the water goes down by next month. Keep any eye on the sky.

May your tubes run cool. 73 - W4KJI.

HINT AND KLINE

If you use an old electric clock motor to tune your antenna to different frequencies, atop of your tower, use the "second" hand shaft, then it will take one half minute to complete the variable capacitance range. 73 K4UGC, Miami.

ARRL OB 763

Arctic station KL7FLC will make test transmissions on a 24-hour basis on 50.04 Mc starting August 16. Whenever the band is open for DX, attempts will be made to work as many stations and areas as possible. Tests will also be made on 144.12 Mc by appointment when conditions appear favorable. Best time for reception of KL7FLC is likely to be around midnight local time when Auroral conditions are noted. Listening for KL7FLC at any hour is encouraged. Please report details of any reception or two way work at once at ARRL. AR.

EX-CALLS

K4MTP—W9FRP
K4VMC—W1LXB
W4KWA—W5OSE, K6BWR
W4OZZ—W2BGF
W4RKH—W8GBS
K4EGG—W8IXX
K9UQX—W4BDA
K3LFZ—W4LGJ
W4FAD—W8FVT, KH6AOJ
K6BX—CE4CY, W4DJ, W4GZA
K4DN—W4RUU
W4PLO—W3HLS
W4IMD—W1VFD
K4EQH—KN4RUV

How about sending in your ex-calls for this column? SKIP, Box 501, Miami Springs 66,.

Have you sent your Funny Phonetics in yet? Why not? Everyone seems to enjoy 'em. Send yours along to: Funny Phonetics, Box 501, Miami Springs 66, Fla.

VHF IN FLORIDA

ALLEN A. ENGLEMAN

W4RMU

50 MC has been at it again. The band openings held up in good shape through July and first of August. W4CIL, Ellie, Ft. Lauderdale, worked Nebraska for her state number 38. K4PPX, Fran, Ft. Lauderdale worked Maine and Minnesota pushing her states worked up to 41.

Your correspondent has received letters showing the rapidly growing interest in wide band FM on VHF. Most of this interest has stemmed of late from the recent availability on the market of complete mobile or of commercial gear for as low as $15.00 on up. This includes transmitters of outputs up to 30 watts. Why has so much equipment of this type suddenly appeared on the market? Simply because the FCC has outlawed wide band FM for most commercial installations. These sets, and very good ones too, are available, from the various distributers and dealers as well as local two way radio service men. A very good article on this subject appeared in July, 1960 QST. The real impact of this article hits one after he sees the excellent equipment that is available at give away prices. Sets can be purchased that will operate in the 50MC or the 144MC bands, with little or no modification. Mobile operation of this kind is rapidly growing throughout the country. It is without question the best type of modulation for such mobile work on VHF. I have been asked to work out a common frequency for use throughout the state. I strongly suggest that this equipment be set up on 147.3 MC. This is the general trend throughout the country. It is still low enough to include RACES authorization and will allow Novice and technician operation.

Too late to report in last months column was the 144MC relay from Miami to Jacksonville that will set a record for time. A 35 word message was received in Jacksonville 13 minutes after the Miami filing time. Only one relay was necessary through K4IXC in Melbourne. If you have traffic for Jacksonville it can usually be handled any night. Occasionally, one of the key stations in the Miami area who regularly work K4IXC in Melbourne. Get your traffic to them before 2030EST as K4IXC usually contacts W4RMU in Jacksonville shortly after 2100EST. If you have traffic north of Jacksonville it can be cleared each Sunday night. Arrangements are being made for a 144MC relay circuit from Key West to Canada. The first of these test is scheduled for August 18th and plans are to continue each Sunday night with traffic originating from each end at 2100EST. It is planned to have approximately six relay stations between the two points to do the job. Will have more to report on this next month. Traffic can at present be relayed as far north as Virginia. This requiring only three intermediate relays.

You are all invited to the all Florida VHF picnic Alexanderia Springs, Sunday, September 11 1960.

F.A.S.T. NET

The first month of operation of the Florida Amateur Sideband Traffic Net is over and although traffic totals are not calculated to set the world on fire, it is a beginning. The list of stations on 3910 kc each evening grows and eventually will provide an evening net for traffic in and about the cities of Florida.

It is our hope that many more SSB stations in Florida will get the habit of listening Monday through Friday on 3910 kc at 1930 hours. No long roll call. Only a call for traffic listing is made each night. Thus, if there is no traffic for your city, you can be on your way in about two minutes. If there is traffic, you can handle in a minimum of time.

After the net closes, several of the SSB gang join for a pleasant rag chew.

We'll be looking for you. 73

DADE COUNTY 6 METERS

By Walt Stoch, W4IIS

Everyone in this area seems to be getting their fill of DX. The band has sure been in fine shape.

K4ZNB is in and out of Miami so much, he should apply for a permanent portable call.

K4QXB and XYL, K4CXD are on vacation, No one knows where. Just listen for strange DX.

It seems W4EHX, Eric, had to go to Clewiston to get the sugar situation cleared.

Sure are a lot of snowbird portables and mobiles in the area. Give them a call, gang. Real good publicity for the area.

There are quite a few new 6 meter calls in this area and the gang wants to invite them to check in on the Dade Emergency Net on Mondays at 1930 hours on 50.250 mc and on the 51 net at 1930 hours on Wednesday.

HAMBAR

)TE: Florida Skip does not sume any responsibility for ndition, price, etc. of any item ted in this column.

This column is FREE to any Li-sed Radio Amateur. There is no it to the number of items an ividual may list. All listings are ncelled each month. If your list- is not moved, it will be neces-y to relist the following month.

LASSIFIED and COMMERCIAL ADVERTISING RATES:
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An Advertising inch is measured " vertically on one column, i.e., Columns — 40 column inches to page. Rate card by column inch plied upon request. FLORIDA IP Inc., Advertising Department,). Box 501, Miami Springs, Fla.

ANTED: Gasoline powered gener-r, 115 volt, 60 Cy. A.C. for use emergency power for ham sta-n. John Attaway, K4IIF, P.O. x 205, Winter Haven,.

R SALE: (Club saver model) meter transceiver just recently gned. $25.00. Power supply for ve $15.00. J. B. Desautels, K4-D, 1212 N. W. 11th Ct., Fort uderdale. JA 3-5742

R SALE: Heathkit 6'er, perfect dition with xtal and mike. $40.00. o have Heathkit TC-1 tube cker with manual and an air-ft transmitter RCA AVT 112A good for 40 and 80 mobile, make er. Pat Bittner, W4PXY, 3081 ry Street, Miami 33, HI 8-9488.

R SALE: AF-67 Xmtr and tching AC & DC power supply. -110-C receiver. Assorted misc. ns, mike etc. like new $400.00 best offer. Duane V. Hope, K4-X, 1855 Emerson Ave., Bartow.

R SALE: New grounded grid ar filament choke, 30 amps $5.50 ch. Herb Hoover, K4PIJ, 1126 zabeth St., Eau Gallie.

R SALE: Hallicrafters SX-43 .00. Viking Adventurer with athkit VFO, $40.00. RME- HF 20 tunable converter $30.00. All good condition with manuals. n Murray, 1780 NE 146th St., rth Miami 61. WI 7-7725.

nted: CQs, entire year 1945, also nt DYNACO A-430 or similar dio power output transformer. Col. R. Marcy, W4ID, 461 3rd Ave., Park, Eau Gallie.

nted: Would like to buy or bor-v schematic for Motorola Model TU 30-D xmtr Ben H. Whitten, ZMK, 32 SW 8th Ct., Delray ach.

R SALE: New NC-60 receiver .00. New Blitz-bug arrester $3.50. w Turner mike hi Z $20.00. New w Key coax TR switch 125 model C $10.00. Johnson 275 watt match-like new $40.00. Elmac AF-67 tr excellent $125.00. Ameco conel-l monitor new $10.00. Will ship or all prepaid upon receipt of nev order or check. W. L. Pat-son, K4PXY, 2161 23rd Ave., rth, St. Petersburg 13,

R SALE: National receiver NC-very good condition, not used ch $100.00. Dick Frederick, K4-C, 460 NW 108th Terr., Miami. 7-0977.

FOR SALE: 10 meter whip with 40 meter loading coil, heavy spring and mounting base. $1000. 300 ma. 4 hy choke $3.00. TBY-8 complete $25.00. Andy Clark, W4IYT, 41 Lenape Drive, Miami Springs 66. TU 8-3874.

WANTED: More Hambars. Why not take advantage of this free column to licensed amateurs? Let's make the lil XYL happy and make room for her stuff. Skipper, Box 501, Miami Springs, 66.

FOR SALE: S-38E and Globe Chief 90-A both in very good condition $42.00 each or both for $80.00. Eico model 803, Geiger counter and book, prospecting for Uranium $18.00. Used hearing aids sell for 70 to 130 dollars, minor operating difficulties. They are pocket type and have good physical appearance. Any good ham could make into radio, or many other uses. $5.00 of $8.50 for two. More details write William A. Taylor, Box 3010, Longwood

WANTED TO BUY: Large modulation transformer 1 to 2 k.w. or so. Also power transformer and chokes, 3000 to 5000 volts output at 1 amp or so. Large capacity high voltage condensers. Please give price and complete specifications in first letter. Give phone number and about what time of day you stay home, if any. Curtis E. Smith, W4TCU, Lake Bonny Island, Lakeland. Mutual 6-7522 after 6 p.m

FOR SALE: Hallicrafter HT-9 transmitter, 100 watt output on c.w. and 75 on phone. Coils. 40, 20, 15 and 10 meters. Xtal controlled. Very good condition. $90.00. W. Schroeder. 1230 NW 33rd Ave., Miami. Call NE 4-7924 after 5 p.m.

FOR SALE: DX-35, like new $45.00. RME-VHF-152A $45.00. SX-99 like new $115.00. George Reed, K4HXU, 1350 W. Fairbanks Ave., Winter Park.

FOR SALE: Viking mobile xmtr 80-20-10 modified for 12 volt operation Master mount base whip, 80 meter coil. Pe-103 m.g. set less base T-17 mike all for $80.00. Morrow tri-band converter converted for 12 volt operation $25.00 and a 450 volt m.g. set 12 volt input for $8.00. All FOB Gainesville Bert McNamara, W4EAS Box 2138 University Station, Gainesville.

FOR SALE: Six meter Gonset Communicator III, latest model with ANL and squelch. Very little use. Complete with mobile mounting stand and mike for 6 or 12 v. d.c. and 115 v.a.c. complete $200.00. Jerry Martin, K4DI, 1840 Hibiscus Dr., North Miami. PI 4-4695.

FOR SALE: Pair of Stewart Warner Porto fones with 1 a.c. base power supply model 73. Citizens band 465 mc. Best offer. Sam Taylor, W4-VRQ, 1270 NW 53rd St., Miami. PI 8-0196.

WANTED: ALL Florida Certificate and DX hunters write Cliff Evans, K6BX, Editor and Publisher of the Directory of Certificates for information about his new big beautiful "The Award Hunter's Bible." It's the only one in the world like it and every Ham Shack should have one. Write Box 385, Bonita, Calif. Floridora Dream Girl is on the cover.

FOR SALE: HRO-60 WITH coils for all bands. Perfect condition. Priced under $400.00. Prop pitch rotator completely converted and mounted in steel stand with compass indicator master selsyn and shave selsyn A-1 condition $35.00. Paul W. Kline, W4-LGN, 3185 SW 27th St., Miami HI 8-7393.

WANTED: One set of 15 meter coils for HRO-50 or 60, either will fit. F. Kirkham, W4IMD, Route 2, Box 57A, Palmetto.

WANTED: Johnson Valiant in good condition. Will trade $610.00 Sun Distributor like new. Ruby, K4UFG, Rt. 1, Box 117B, Inuermiss.

FOR SALE: Prepaid tested tubes - 6AS7G, 5R4WGY, 6AG7Y, 12AT7WA, each $1.00. Also 6V6GT three for $1.00. 4 or 9 vector socket-turrets and tube shield 4 for $1.00. Sigma relays DPDT 5000 ohm 22RJCC $4.00. (new $16.00) Micro-positioner micro amp relays SPDT $4.00. (New $19.50) sealed relays 3PDT 28 v.d.c. 3 for $2.00. WANTED: RF Choke R175A. If you are building radio gear, send a list of parts you are short. May have what you need and save you $$$. F. F. Stephens, W4DRK, 2430 E. Robinson Ave., Orlando

FOR SALE: Several xmtrs and revers, don't need. Will sell reasonable. Please send for list, maybe I have what you want. Al Johnson, W4LSA, 67 West 10th St., Hialeah.

WANTED: Everyone to start making plans to attend the SECOND ANNUAL TROPICAL HAMBOREE. Where.—Miami; Dates?— January 14 and 15th, 1961 Tickets go on sale in September. Dade Radio Club, W4-NVU, P.O. Box 104, Miami 1.

WANTED: Everyone to look for final plan on the FLORIDA SKIP WORKED ALL FLORIDA CONTEST to be held late this year. Everyone welcome. Skipper, Box 501, Miami Springs 66.

FOR SALE: NC-300. Mint condition with high serial number. $275.00 or best offer. Herb Ridgley, K4GGX, Box 711, Miami Springs 66, TU 7-3433.

FOR SALE: Hi Gain mobile telescoping antenna model TWB with T-3 trap for 10-15-20. Chrome plated, Never used $20.00. George Moule, K4HYO, 2951 NW 161st Terrace, Opa-Locka. NA 1-0225.

MUST SELL at sacrifice before moving. ARC-4 transceiver with Gov't maintenance manual, dynomotor and complet conversion data, easily converted to 2 meters, excellent condition. $12.00 ARC-5, T-23 transmitter, 100 to 156 mc, excellent condition $5.00. ARR-1, a part of IFF gear, easily modified for use as converter or preselector for 50, 144 or 220 mc., with complete conversion data and tubes, like new $6.00. ART-13 dynamotor mounted on control box with filter unit, relays, etc. brand new $10.00. All of the above well worth price of parts alone. Complete file of QST and CQ magazines from 1955 to present less about four issues, first reasonable offer takes them all. J. R. Henthorn, W4ENP, 3956 SW 3rd Ave., Gainesville.

FOR SALE: Hottest 75A-1 in Florida $250.00. Jones Micromatch $35.00. Johnson low pass filter $15.00. DB-23 $23.00. Hy-Gain Tribander 152T-3 $55. 40-foot crank-up tower $50.00. TR-4 rotator $25.00. Bug $10.00. Bud FCC 90-B crystal calibrator $12.00. Eico 556 voltmenter $8.00. Ekotape recorder $50.00. 75A-1 has speaker and can copy anything from anywhere, c.w., a.m., or SSB. Russ Purks, K4BCN, 8481 SW 32nd Terr., Miami. CA 1-0285.

FOR SALE: One K.W. cw-phone transmitter. 100th's modulators, 4-250's in final. New Heath KW power supply, 3-30mcs. B&H 50 watt speech amp. Console controlled, 2 bias and screen regulated supplies, 7-foot deluxe Hammartone gray cabinet, fully metered. Mack Britton, W4DVR, P.O. Box 1711, Ocala.

SELLING OUT: 75A-2, 32V2, Central Electronics 20A SSB exciter, RTTY gear, books, magazines (single and sets), linear final, components galore. Send stamped, self-addressed envelope for list. Fred Schmidt, W4NYF, 405 NW 30th Terr., Ft. Lauderdale. Phone LU 3-1340.

FOR SALE OR TRADE: BC-221 freq. meter, original, unmodified, with xtal calibration book. Also Hallicrafters Panoramic Adapter, SP-44, or 455 kc I.F. Each item $50.00. WANTED: Hi power 2 meter rig, or separate components to provide 500 watts r.f. M. B. Goldblatt, W4EMB, 3627 SW 8th St., Miami. HI 3-7636.

YLRL CONVENTION NOTES

By Fran Adams, K4PPX

Reported by W4BAV, Kathy

W4BAV—Kathy reports that she and K3LFZ—Esther (ex W4-LGJ) had a wonderful time at the 3rd International YLRL Convention. The Wrones did an outstanding job and are to be congratulated.

The table decorations were a work of art. Each set up for each District. The 4th District table had a tower with cut outs in the shape of each state in W4-land. Something representative of each state. Florida had oranges.

Sunday afternoon found them heading for the QTH of W1HOY-Helen in Medfield, Mass. for an informal picnic and gabfest. All during the convention W1YL was on the bands and the girls enjoyed working the convention station.

The next convention will be in 1964. The 25th anniversary of the YLRL. The YLRL have 827 members.

FOR SALE: Meisner Signal Shifter $15.00. 150 watt final $10.00. For cw only. Tandy Way, KN4YSN, 4851 SW 82nd St., Miami. MO 1-3396.

FOR SALE: Heavy duty steel, 30-foot antenna masts with guy rings, ready to go up $9.00. (Have two). Gonset III, two meters, push to talk, antenna, cables, instruction book, in perfect condition $200.00. National NC-125, in like-new condition with matching speaker and instruction booklet $100.00. Try 'em out first. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66. TU 8-3874.

FOR SALE: HQ-170 with matching speaker, spare tubes, new condition $330.00. Red Andrews, W4IMZ, 601 E. Acre Drive Plantation, Ft Lauderdale.

FOR SALE: BC-221 Frequency meter. Good condition, clean with original calibration book. Converted for 110 vac. $50.00. Will not ship. Jud West, W4UHC, 308 Alcazar St., St. Augustiine.

FOR SALE: Eldico SSB 100A - A-1. $300.00. 750 volt power supply all UTC $15.00. 4 mfd, 4000 volt condensers $8.00 each. 10Hy, 450 ma. chokes $8.00. Brand new plate transformer 2000 v at 30 ma. CHT. Filiment transformer for 872. KW Johnson Rotary coil plus high power varible and vacuum condensers. Russ Olmsted, K4UJZ, 1548 NW 15th Ave., Ft. Lauderdale.

FOR SALE: 50 watt RCA base station in 6 foot rack and panel on 46 mc FM. Complete with remote control and mike and maunal. Cheap, or will trade. Earl C. Snyder, W4AYD, Box 117, Okeechobee.

WANTED: Viking Ranger. State condition, model and price. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66. TU 8-3874.

WANTED: Good communication receiver in $300.00 class. Will swap my $800.00 1957 Deluxe, 3-speaker RCA 21 inch color TV. Write for details. R. Olmsted, K4UJZ, 1548 NW 15th Ave., Ft. Lauderdale.

K4MTP ELECTED MASTER OSCILLATOR

The following appeared in the New Port Richey Press July 21, 1960.

"Gene Duke (K4MTP ex W9-FRP), Country Area's radio operator, recently was elected Master Oscillator of the Knights of the Kilocycle. Interpreted, this would be the equivalent of the president of the oldest organization in the world of amateur radio nets. The Knights have met 1,313 consecutive Sunday mornings.

The number of ham operators rose from 88,000 in 1942 to 205,000 at the end of 1959.

Duke has been interested in radio since 1922 and became a licensed operator in 1942. He has been a member of the Military Affiliate Radio System (Mars) since Jan. 2, 1951. The purpose of MARS is to train civilians for military handling of messages through military procedure. They meet daily for one hour.

Last year Gene was elected chairman of the Communications He is also Emergency Coordinator (ARRL) of Pasco County for amateur radio, which entails supervision of sending and receiving traffic in Pasco in the event of a disaster.
committee of the local Red Cross. ervision of sending and receiving traffic in Pasco in the event of a disaster.

Another task Gene performs is that of servere weather observer of New Port Richey for Roy Leep of WTVT-TV, reporting any servere weather occuring in this area. He is affiliated with many ham organizations and holds certificates from a large number.

Gene, a retired printer from the Chicago area, has been a resident of this section for a number of years."

Editors note: K4MTP received our FLORIDA SKIP AWARD recently for his outstanding service with K4VNA in locating son of dying man, when all other methods failed. Congratulations Gene and Walt.)

TRAFFIC HOUNDS

WEST FLORIDA (JULY)

K4CNY	358
K4UBR	149
W4MLE	71

(JUNE)

K4BSS	160

EAST FLORIDA

No report received from SCM. Gone fishin' in Mississippi.

Orlando Flood . . . .

(QSY'd From Front Page)

DTZ, Ed, W4ZFO and Bumpy, W4WGR.

Case W4NGR alerted the Seminole Red Cross Chapter, and stood by to handle traffic to that area. Ernie, K4GHL was dispatched as a mobile to check on flooding conditions in the southwest area, Ernie #K4HXP operated at the Red Cross as W4PLB, Bob, K4TTZ, operated at the Sheriff's office to relay calls for assistance phoned in there. Ace, K4AKQ relayed traffic from Chief Pennington of the Orlando Fire Dep't, and the Orlando Police Dep't.

Hal, W4BKC and Ev,K4UIZ were sent as mobiles into the flooded area adjacent to the Holden ST. School where they helped to coordinate the evacuation of 60 Negro families, in a bus provided by Mr. Pipkin of the Civil Defense Rescue Service.

Operations came to a screeching halt when a rumor was started that they were all going to be Vaccinated, but after the difference between Evacuation and Vaccination was explained, everything went along smoothly once more, Hi.

The evacuees were quartered at the Callahan Elementary School. Blankets were secured from General R. H. Betts, Director of the Orlando Area Civil Defense, and food was provided by the Red Cross.

Evacuees from the Northeast sector were quartered at the Davis Park Motel and the Che rry Plaza Hotel, courtesy of the respective managements.

George, W4PWW was flooded out of his home and sustained considerable loss in household furnishings and personal possessions. Dave, W4TOD found that the water had inundated his ham shack, along with seepage of oil from a nearby underground storage tank, wotta mess.

Telephone service to the Red Cross was restored about 11:15 p.m. and the Net was secured at 11:45 p.m. Mr. Knight expressed his sincere appreciation to the participating Amateurs, and expressed the opinion, that without their assistance, the Red Cross would have been severely handicapped in their work.

Ace, K4AKQ received a nice letter of commendation from Chief Johnstone, of the Orlando Police Department, for the assistence he provided during the flood. Wonder if you could fix this traffic ticket for me Buddy?????

In case anyone knows the frequency that Jupiter Pulvius operates on, I have some urgent traffic for him; to wit; turn it off old man, we've had plenty.

All Florida . . . .

(QSY'd From Front Page)

Umatilla on highway 19, 10 a.m. to 4 p.m.

PROGRAM: . . . .

Short talks by W4GJO, W4-UHY and W4RMU, well-known VHF hams.

SWIMMING: . . . .

Excellent facilities for both kids and adults.

DRAWINGS: . . . .

Grand Prize — Heath 6 meter transciever. Other prizes plus Grab-Bag Auction.

FOOD: . . . .

Bring you own in form of picnic lunch or whatever you like. Cold drinks and snacks will be on sale.

REGISTRATION: . . . .

.50 per family. This has been held to a minimum and is necessary for incidental expenses. Registrants will be given a numbered ticket good for all drawings. Additional tickets may be purchased.

JACKPOT DRAWING: . . . .

Each registrant is requested to bring some piece of ham gear not to exceed $1.00 in value but something of some use. All these items will be put in a box and the lucky winner takes all. Only those contributing an item are eligible for this drawing.

For additional information, write Nat Stinnette, W4AYV, Box 155, Umatilla, Fla.

Dear Mabel . . . .

(QSY'd From Front Page)

Dear Landlord,

You can either try to get him interested in ham radio instead of bowling, or cut lots of large holes in your ceiling. It depends on how you feel about ham radio.

* * *

Send in your questions to Mabel, c/o Florida Skip, P.O. Box 501, Miami Springs, Fla. She is glad to answer any type question and you may remain anonymous if you desire. Remember, Mabel's advice is absolutely free (and worth about what you pay for it).

SKIP ADVERTISERS

Help Pay For Your Copy

* * *

Show your appreciation Whenever you can.

Broward Report . . . .

(QSY'd From Front Page)

was set up on the waterway the S.E. end of Sunrise Bridg This gave the control station o erators a chance to watch "t fun" as well as handle the tra fic.

Saturday, July 16: Harold B wer, W4LDM, and Charles Ha per, K4SJP, using the club Ranger; K4FQS's HQ-110! W DLM's PMR-6-A; and the hon station from K4SJP with the hel of Col. Cook, Sr., K4OHA, E Cook, Jr., K4IQM, Larry Cool KN4OHE, Tom Morris, K4FQ Jake Horner, KN4YBL, Love W4AHZ, Dick Yager, K4IQ Russ Stone, W4FRZ, and Fre W4NZO, set up the control sta tion.

Dale Nirdan, K4HGG, worke from his moble rig at Oaklan Park Bridge and Art Benedic W4CTO, used his mobile a Deerfield. Art had to switch t 40 meters in order to make con tact with the control station meters was on its mis-behavio

The ten meter set-up at con trol station left quite a bit t be desired on Saturday. The Whi antenna being used on 10 re fused to load well and was re placed on Sunday by a double donated by K4HGG.

Sunday. July 17: Due to lac of check stations south of con trol station on Saturday, hasty arrangements were made wit Jake Horner, KN4YBL, and K4-AHZ with 2 meter rigs. K4SJ set up his Communicator III a control station and put KN4-OHE in charge. Jake set up his rig on the bridge at Las Olas and W4AHZ, using Dave Heath's Communicator II, set up in the tower at Pier 66. Good solid communication was established Sunrise to Port Everglades on 2 meters with no QRM.

Ed Cook, Sr., K4OHA, and Hal Bower, W4DLM, worked the 40 meter end of the control station on Sunday. Ed, Jr. and Dick Yager, K4IQM and K4IQJ took care of the 10 meter set-up which functioned well with the different antenna.

Again, Russ and Fred, W4FRZ and Fred W4NZO, acted as checkers at the control station.

Art Benedict, W4CTO, did a FB job again on 10 meters from Deerfield and Dale Nirden, K4HGG, Kept 10 meters active from Oakland Park Bridge.

If the name of any who helped have been omitted it is purely unintentional. The committee in charge of communications for the Gold Coast Marathon wish to take this oportunity to thank one and all for a job well done.

FLORIDA SKIP

FLORIDA SKIP

A Non-Profit Organization

OL. 4 — No. 5 | The All Florida Radio Amateur's Publication | OCTOBER, 1960

DONNA VISITS DAYTONA AND ORMOND BEACH

Members of the Daytona Beach nateur Radio Assn., Inc., furshed the only means of comnication in the Daytona/Orond Beach area during Hurrine Donna by means of the REC net of Amateur Radio erators between Red Cross and e Highway Patrol and many her places including the shelrs, Adam Moranty, (K4UJW) lusia County Emergency Codinator announced

Base Stations at Red Cross adquarters, Daytona Beach ere on six and ten meters, opered by Leon Barber (W4NPP) ck Nikolaiev (K4AUJ) Bill arida (K4CXL) Jerry Rutan 4BYU) who left later to opere mobile, Guy Warren (W4-HL) the club Vice-President and lam Moranty. Mr. Moranty ened and closed operations at e Red Cross.

Four mobiles on ten meters ere Joe Atwater (K4KTQ) and s father Joe Sr., were stationed the Airport Terminal, Jerry utan (K4BYU) with a member the Red Cross with him staoned at the Campbell St., High hool, Bob Nelson (W4BRP) at e YMCA, Jack Housley (K4-AC) with Don Maxwell at the orbin St., School and Rigby Jr., igh School in Ormand Beach, e Smith (W4PLO) at Westminer by the Sea, Jim Upson (W4-NV) at Ellinor Village, Walt ook (K4VNA) was the link to ed Cross on the six meter and 75 eter Emergency nets, Lawrence pson (W4PGL) on the ten meter nd 80 meter Emergency nets also ntil his tower was blown down, Clyde Mashburn, Assistant E. C. (W4SDR), operated from 6 p.m. Sat. evening until 0830 Sunday morning on the 10 meter and 40 meter Emergency nets, using CW on the 40 meter net. Jim Campbell K4RNR also Assistant Ec monitered the 10 meter net checking in off and on in conjunction with being Net control of the Side Band Emergency Net on 40 meters.

Power went off all over the area, and almost all phones went out, including Police Hdqt., Fire Hdqt., and the Sheriff's office. The mobile units were able to relay request for supplies, doctors, etc., to these various agencies including Red Cross of course. In some instances car lights where turned into the shelters for illumination. The Mobile at Campbell St., went up the steps and into

(QSY To Back Page)

This is the Dade County Chapter of the Red Cross in Miami — K4IWT in operating throughout Hurricane Donna K4HSW, Bill Patterson on 147 mc circuit; W4IIS, Walt Stock holds down the DEN on 50,250 ks; while young Don Murray, K4FMA puts in almost 53 hours of continous operation on the FEPN on 3910 and 7295 kc. Others on duty at various times were: W4JO, K4RJJ, K4QHG, K4JWM, W4OPH, W4IYT and others All equipment worked perfect and not an antenna was lost. Red Cross officials were extremely happy with the amateur communications available to them during and after Donna.

Dear Mabel,

Dear Mabel,

Last night I went on my first hidden transmitter hunt. This will surprise you, but I enjoyed every minute of it It's the first time ham radio has appealed to me. There's something about a transmitter hunt — a sense of adventure, the thrill of the chase, the chance to get out of the house. . . . .

We took our first reading from the driveway about dusk and got a bearing towards the suburbs. This wasn't much help because you know our suburban area. The Everglades. But that old thrill of the chase (and the refreshments hidden with the transmitter) made Clyde real eager to go, go, go.

Don't know how the other clubs work it. but on our hunts a transmission is given every five minutes. If the transmitter hasn't been found after the first hour they start giving a few hints. I suppose somewhere in this world there may be someone who has been helped by those hints.

What adds to the excitement is the fact that the cokes, beer and good things to eat are at the mercy of the person who is hiding the transmitter. If he is the typical club member, the stockpile of goodies audibly goes down as the hunt goes on. The last one in gets lots of funny remarks and a few potato chips. It's cruel, but it has it's advantages. If the hunt lags as the hours pass, a small burp and the clank of a beer can during a

(QSY To Back Page)

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

EDITOR — FLORIDA SKIP:

This is ZS8 calling! Here is my message. I am teaching sciences here and I must furnish a laboratory. I have 150 students. One of the baits of science for them is amateur radio. So I came to ransack your shack. Any meter, kit, rig, that you used in the past, and have replaced by a better one? Do not let it rust. Giving it to the missions in Africa, where it can be used again, will be a worthy contribution.

If not too heavy, send it directly to my address, mentionning on your parcel: "Free gift to missions. No commercial value." Or ship it to the same address, "Care of: Pan Africans Shippers, Durban, South Africa."

With all best wishes and seventy three May God bless you and yours

Fr. Hugues Barbeau
St Theresa Seminary, P.O.
Roma via Maseru, Basutoland, S. Africa.

LETTER TO THE EDITOR:

Dear Andy,

The Daytona eBach Amateur Radio Association, Inc., wishes to thank you for the complimentary subscriptions to FLORIDA SKIP which you so generously donated for the drawing at our GABFEST, Sept. 4, at the Ellinor Village Recreation Center in Ormond Beach. No Hamfest is complete without these subscriptions to look forward to, for new subscribers, renewals or gifts for out-of-state friends.

We also wish to expressour appreciation to each and everyone whose participation, donation and attendance helped to make it the happy success that it was.

Vy 73,
Jim Campbell

LETTERS TO EDITOR

Editor, FLORIDA SKIP:

Enclosed please find my renewal to "Skip." This is by far, the most enjoyable of the radio publications I receive. It is the only one I read thoroughly.

Would you be kind enough to mention in your news relating to the Knights of the Kilocycle that contributions to the "Flower Fund" for the Knights may be sent to: Charles Chapman, W4-SVB, 726 Easton Drive, Lakeland.

Any contributions from $1.00 to $1,000.00 will be welcomed. I don't believe we should accept over $1,000.00 because it would then be necessary to bond the speech amplifier!

I would like to pass on to note about the reminder service of license renewal that I suggest on the air, i.e. the speech amplifier will remind members to renew their licenses three months ahead of time, if they will send in their license renewal date.

Charles, W4SVB
Speech Amplifier, K of Kc's.

LETTER TO EDITOR

Editor and Nominating Committee.

May I express to you, the one who put my name in nomination and members of the Florida Skip Publication, my appreciation of the No. 150th Florida Skip Award.

If my enjoyment of our mutual hobby has brought happiness to another (as the certificate purports) then I in turn have been made happier than the recipients.

With the Award holding a prominent place in the station, I shall ever be reminded of its significance and do my best to continue to lighten the hearts of others.

Dr. Joseph Campbell, K8GFE
Bangor, Michigan

Andy Clark, W4IYT, Editor
P. O. Box 501 Miami Springs

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LETTER TO EDITOR

Editor, Florida Skip:

I've been a reader for a couple of years and this is the first time I've had any urge to comment on anything in "SKIP". This is brought on by a column written by Wiley, W4WSJ concerning new products, which I think is an excellent idea.

Does anyone know anything about the little all-band receiver put out by Lafayette? It has eight miniature tubes and sells for $79.95 wired. Also available as a kit. I've thought of it as a second receiver backing up an SX-101.

Yours truly,
L. V. Quackenbush,
2939 DeSota Way, So., St. Pete.

(Editors note: Thanks LVQ. Glad you got the urge. Hope others do too.)

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ORLANDO RAMBLINGS

By HAL, W4BKC

As this column is being typed preparations are under way for Disaster relief, checking out communications equipment etc as it is not definitely known which way "Donna" will go. Mr. Ernest Knight, director of the local Red Cross Chapter has briefed his various committee chairmen on what will be required and Mr. Vandenberg, Chairman of the Disaster Committee has outlined the way his committees will function. Dave W4TOD, Wes K4KRG and Hal W4BKC attended the briefing session.

Wes, K4KRG and his committees are working on a Club sponsored project to coordinate all communication facilities such as AREA, RACES and The Red Cross Disaster Communications Service under the tentative name of The Orlando Emergency Corp. Under this banner they hope to enlist the aid of every Radio Amateur in the surrounding area. Membership in the Club will not be required. About the only requirement is a willingness to give assistance in time of disaster. You do not even have to own a piece of equipment if you are willing to relieve some other operator in time of emergency. Lack of operators has considerably hampered communications in the past, so lets be willing to give up a little of our time to advance the cause of Amateur Radio.

Dave W4TOD has received confirmation from ARRL that the SOUTHEASTERN Convention of ARRL will be held in conjunction with the Annual Orlando Club Hamfest. This coming year the Dates will be the 8th and 9th of April, 1961 at the Cherry Plaza Hotel, Orlando, Fla. So mark the date on your next year's calender. Good chance to join the Royal Order of the Woulf Hong too.

In case you haven't read it elsewhere, the Annual Simulated Emergency Test will be held October 8-9th this year.

Had a marvelous time at the Daytona Club Gabfest, saw quite a few of the Orlando gang there and some of them won prizes too, us we didn't win nuttin but we sure enjoyed being there. Jim K4RNR, Marge, K4RNS sure made a wonderful host and hostess. Hats off to the Daytona Club for a job well done.

SKIP ADVERTISERS

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* * *

FLORIDA 6 METER SSB

PAT FERRO - W4WAQ

Activity on 6 Meter SSB for the past month has been limited to mostly within the State. Only four openings during the early evening hours have been observed for durations of 10 to about 20 minutes. Signals, in most instances, both for the SSB and AM were in the S4 intensity, with the longest of these lasting approximately 3 minutes. Reports received by mail have indicated that the kilowatt SSB signals from this station have been heard in the W1, 5, 8, and VE areas. Because of the lower power being used by these stations, the signals were not picked up at this QTH in spite of the use of the 11 element Telrex Spiralray beam at approximately 50 feet and receiving on a Johnson 6 and 2 converter, tied to a Collins 75A4.

It is belived in the coming year on Band openings that more higher powered stations will be on 6 meter SSB, which would mean longer and more frequent openings. This station has received a number of requests for the P and H 6 meter Transmitting Converter from hams desiring to use their 10B and 20A sideband generator for use on 6 meter SSB.

In a future article a schematic of this converter will be outlined.

The P and H 600A transmitting converter is a 36 megacycle heterodyne units, which can be used with any 14 to 18 mc transmitter or exciter, such as the 20A, 10B, HT32, or any signal sideband transmitter exciter. If the exciter is capable of more than 20 watts of input, such as the HT32, the B and W 5100, the 32S1, the GSB 100, all must be equipped with some type of power atenuator in order to reduce the 100 watts output to approximately 10 watts. The 36 megacycle transmitting converter requires approximately 10 watts of drive and delivers up to 10 watts of output on 6 meters.

As a mixer amplifier a 6360 is used and the output is tunable between 49 and 55 mc.

This particular unit and unts built from this design have been in use locally and have done an outstanding job on local contacts as well as on DX openings. The transmitting coverter can be used for AM as well as SSB and therfore could be hooked up to the DX or the DX 35 or other AM transmitters for conversion to 6 meters.

The above unit requires 300 volts and 100 MA DC, megative 150 volts regulated bias and 6.3 volts at 1.5 amp. Both of thes units are supplied seperately by the P and H Electronics, Inc., and sell for about $50 apiece, and are available from local amateur radio supply houses.

Any station desiring any additional information on either the transmitting converter or the power supply or schematic of each, write this station. Also, any information on swamping for the various transmitters to be used for this converter.

This station will be transmitting nightly between 1900 and 2100 EST., on approximately 50.150 mc. Reports of these transmissions being heard around the State as to time and RST will be appreciated.

QTH: 1364 N.W. 23rd Court,
Miami 35, Florida

A NEW KEY BECOMES SILENT

By Jim — K4BY

BRADENTON — August 29th. I have just returned from attending the final tribute to a grand old man.

Theodore J. Huff, K4UVK, a member of The Manatee Radio Club of Bradenton, after 76 useful years on this troubled sphere, has gone to "join the caravan which moves to that mysterious realm where each shall take his chamber in the silent halls of death".

Without the slightest warning or trace of illness "Ted" pased into the Great Beyond at about six thirty on the morning of August 27th.

Ted was not an old-timer in our game. His general ticket, won after what was probably the greatest effort of his life, was less than three months old. I had the pleasure of helping Ted prepare for his examinations and I have never seen a man work more tirelessly to accomplish an aim. Twice he failed in the Tampa FCC torture chamber only to set his chin and come back for more.

And when he finally made it, the members of this club were as happy as though they had just inherited a new club room. Why? Because whenever there was work to be done, Ted was always in the middle of it and the first one there. There just wasn't a job too big or too mean for Ted to get his teeth into. Always ready to help!

At the chapel today ten of our members served as honorary pall bearers. They were : K4KLR, DAX, ILB, RRC, DMF, QBI, W4-FKR, KN4QXX, SKW, and K4-BY.

And so, we write "30" for a grand old man with a brand new license and a key whose points are hardly broken in.

"DONNA" DOODLINGS

Here and there, around the ci cuits during the emergency- "Net control station, the net handling WOW! . . .Get the hec off the frequency. . .who the h-- do you think I have been talkin to for the past four hours . . . o come on fellows, have a heart take it easy on the switch . . .o nuts. . . let me see, its here some where, oh yes. . . .if that addle pated character with the addle pated carrier would please sta off . . . this is the FMTN! . . holy cats, here comes a piper ci headed for the grove—WOW! h almost hit the house—guess yo all heard that . . .I've got a bunc of cotton picking traffic I can' get rid of . . .Boy, its a blow is n't it. . .holy cow, and this is sup posed to be a net. . .ok let me fin the cotton picking thing—oh her it is. . .it was passed to me so don't care what you do with it. were you on ssb, if so let me tun you in on am—(no answer)—wh the h--- was that. . .boy, I'm gla you're back. . .can't read you fo these cotton picking Georgia Carolina and Tennessee buzardi . . .ok, I'll try and if I don't com back you will know what happen ed. . . wait till I get back on a . . .golly ok, well gee whiz, yo said you could handle St. Pete. stand by till I dig out some Bra denton—by gosh. . .an OM's voic saying—acting net control for th Floridora YL emergency net. . boy, I bet Dan didn't make out— your street address didn't mak sense. . .charlie, charlie, I'm her here boy with a gravel gert voice. . .boy, where's the pizza. guess I'll have to go out an crank up my antenna. . .boy, I'm going to slow down—maybe I'll do better. . .go ahead go out you old goat. . .be glad to but I don't think the rest of the ssb boys would appreciate an am station as ncs—you mean your not ssb? you sure had me fooled. . .I'm not so strong up here myself.

A. NONNY MOUSE.

SOLID STATE COAX RELAY

It had to come; the rapidly advancing state of the art just had to outmode the old moving-arm coax relay. American Electronic Laboratories, Inc., has marketed a single-pole multi-throw coax relay using solid-state switching. It'll switch from one circuit to another in less than ten millimicroseconds (or should we say "nanoseconds" and keep our nomenclature up to date?) No clatter, no burnt contacts. The price tag is a wee bit disconcerting, though: $250.

CAMPING OUT

ARRL Route Manager

E. FLA.

By A. L. HAMEL, K4SJH

Before starting this discourse me urge all those slightly red aging hams (like myself) o might stop to read this to oin the Boy Scouts." It's a re way to pep up those sagging rits and give you a new goal life.

Took the Jr. Op. to one of the gular Thursday night Scout etings. Somebody mentioned mp' and before I knew it — ll it's the old story — me and big mouth. I became con- ous again while unloading the -100 and HQ-110 from the glish Ford belonging to the outmaster of the troop on a y hot Sunday afternoon July h. Well, I couldn't walk back I figured I might as well do little operating.

Ed Black, the Camp Director Sebring, graciously permitted to set up in his office, one the few places where AC was ailable, and provided a nice ge table for the gear. The hest point in the area being 10-foot roof of the building secured the center of the di- e thereto and brought in the x leaving as little room for ading bugs as possible. The t I could do with the ends of 80 meter job was a couple of rt trees to the north and each the "shack." When pulled ht I was able to reach the in- ators at the 40 meter points nding flat-footed. Well, hope ns eternal, etc. so I tried QSO on 7230 kcs. It loaded d and W4VUN in Tampa re- ted good sigs on 40. So much that. Tried it on 80 the next ning after shorting the insu- ors with prepared clips and lo d behold, besides loading up the fb was getting reports better n those obtained at the home H. How come when I worked hard to put up a perfect job home this little jury job does well. It always happens.

Had the first traffic sked the xt morning on the Florida one Traffic Net 3945 kcs and m that time on there were y few free moments what with code classes that also had to held.

There were approximately two ndred at the camp including the s, about 165 of them age 11 14 years, the rest being staff mbers with a few of us older unteers. With practically no licity besides that obtained word of mouth between the s, traffic started coming in a minutes after being set up and didn't stop until cut-off time the following Friday at 10 AM.

Our last sked was with the Florida Midday Traffic Net at 1200, since we had to pack up to leave Saturday morning. In spite of the practically continuous heavy rain, doing my own paper work, decoding the various hieroglyphics that the kids produced and getting the traffic out, 187 pieces of traffic were handled with very slight delay.

Our sincere thanks to those who assisted in clearing the traffic. A fine job and the kids really appreciated it.

The messages really meant something to those boys who were very much concerned in getting verification on their qualification for various merit badges, etc. Of course none of the boys asked for money from their folks but just the same, just in case it ever happens, I think ARRL should add another ARRL short form number to cover this possibility. You never know. Seems like the parents were a little pleased with the idea also.

It goes without saying that this "HAM" feels right good about the whole thing and being hot, wet sticky and tired assumes relative unimportance. Trouble is, we were plagued by a tropical storm that brought just about as much rain as could fall at any one time. Thanks to those who kept us fed with weather information regularly. It erased much worry from the Camp Director and others responsible for the boys welfare.

In all fairness it must be said that the camp is a beautiful place situated on a good sized lake and the facilities for training and recreation leaves nothing to be desired. However, they do believe in walking up there and the distance for these tired old legs, between buildings, etc. seemed like miles and miles. After the charlie-horses left me everything was okay.

Before closing I would like to make mention and give thanks to the traffic nets, the net conoperations that made handling this traffic possible and the real interest they showed in getting replies back to the boys. We made a fine impression and I believe we can look forward to at least a few more hams to carry on in the future. Never saw so many open mouths in my life in one place; and the questions - - -.

I sincerely hope that many who read this will take a look see at the next meeting of their local scout troop. Introduce yourself to the scoutmaster and offer your services. You have no idea how much real satisfaction you can get from working with these young boys in spite of the extra grey hairs you may collect. Personally I'm going to try to stay at the camp next year for the entire season — and I got just as wet as anyone else did too— and lost six pounds of extra suet in the bargain. The gear? Never had a moments trouble with it. Got home, hooked it up again, and was back in business. 73 gang.

Ham, K4SJH

FROM THE PRESS—K4UUO

SERUM FLOWN TO AID HAITI

(Miami Herald)

A Coast Guard aircraft left Miami for Haiti Sunday with a vial of Gamma globulin serum to help prevent a spread of infectious hepatitis there.

The serum was shipped after Haiti health officials contacted Jackson Memorial Hospital officials through Miami ham radio operator Frank Ireland K4UUO. (Contact was made on 14.2 mc with HH5MV. Editor)

A hospital spokesman said two cases of the severe liver ailment had been reported in Cap Haitien. The 10 CC's of Gamma Globulin will be given those coming in contact with the disease to prevent its spreading, the spokesman said.

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	6N2 Converter	VFO—62	

THE CARE AND FEEDING OF MESSAGES

Our little discourse for your edification this issue has to do with the "Ham Traffic Gratis" or third party message as originated, relayed and delivered by the thousand and one amateur radio stations throughout our United States and posessions. As the (Hi! Hi!) "scientific" name implies, "Ham Traffic Gratis," is just that. It originates with some Ham operator who puts it "on to" a traffic net for delivery to most any place in the state or nation. But do you know there is a definite care that must be shown to these delicate bits of information as transmitted by you and me and a "whole rath" of others like us.

It usually starts this way. "Can I/you send a message to my sister, brother, aunt, friend in New York, Chicago, Lower Slobbovia, Chitlin Switch Corners?" I don't know the address but —," Stop! Right there, friend. Get that complete address! Be specific whether it's Street, Avenue, Drive, Lane or Alley or what have you. Make sure of direction, i. e., N.W., S. W., etc. This is important in most large cities because of the way the city is divided up into sections for ease of mail delivery. So, get all the address you can, too. Even a telephone number will be a big help.

No attempt will be made to discuss the preamble of a message other than to say, "make it accurate as to number, check, time and date." Some fellows begin the number of the messages they originate at the beginning of each year. Others begin a new number each month. Whatever system you have, just remember not to have originated two or more messages with the same number. Be sure of the check count. If in writing a message you would put only five words or groups on a line how simple it would be to add up the lines and portions thereof to get the group count. Remember, too, that no two messages should have the same time if originated by you on the same date.

Now the name and address to whom the message is intended is very important. The name Jones should give you no trouble but Smith could be spelled SMYTH and Johnson could be Johnston. If the name is unusual in any way — spell it out or ask to have it spelled out. Nothing is more embarrasing than to call someone on the "land line" and say to them, "I have a message for a Mr. Ryan Patterson—," only to be told, "— don't know anyone by that name but we have a Bryan Peterson." Maybe the mistake was due to the QRM! More than likely you as the sender or receiving station did not insist on being exacting enough on this message. Be specific! It only takes a second longer. Watch out in giving individual letters. Our alphabet system has the disadvantage in sounding pretty much alike when it comes to the letters A, J, K or B, C, D, E, G, P, T, V, Z and some of the others. It sure would be nice, too, if all the hams who pass traffic on phone would adopt the same phonetics in saying individual letters. Joe Dokes uses Able, Baker, Charlie for A, B, C, while John Doe uses Atlantic, Boston, China, etc. for his. But! Oh, my gosh! when you hear Alpha, Whiskey, Zulu — "That does it." Here again, try to be accurate.

Now! How long should a message be? Since our service is free, don't let your "customer" run away with the thing. Messages of thirty, thirty-five groups are long enough. Avoid unnecessary words and phrases. You be the judge of this. Why say, "Had a jolly old trip from your domicile to our country estate," when "—arrived home safely" would do. Better yet, use the ARRL numbered texts in the back of your log book (the ARRL log, of course) where possible. Watch the personal angle of the message. If some ardent boyfriend wants to send his girl a message with a lot of "gushie" "I love you—" just tell him that a lot of people will hear this and it might be a little embarrasing to the recipient as well as the ham operator. Of course, there was the ham operator who delivered such a message and ended up by marrying the girl.

This traffic handling is a lot of fun and a very nice service to your friends and neighbors and even people you may never know, but don't in a zealous attempt to rack up a large score for messages handled by you and your station grind them out in a haphazard manner. Even though they are "free" give them every consideration for accuracy and promptness and see how many times you are paid with, "thank you, oh so very much."

(Editor's note: Instead of wasting time reading this, get ARRL's pamphlet on message handling.

E. H. Case, W4NGR

FUNNY PHONETICS

K4DN — Dracula's Nephew
KN4VOG — Vicious Old Gator
KN4UGF — Ugly Girl Friend
KN4OVD — Old Vicious Dog
W4GAS — Go Ahead - Slow

DAYTONA BEACH ARA

Margie Campbell, K4RNS

W4CNU made a short visit home and surprised all by calling in on 10 meter FM freq; K4ESI now working inside at the "desk" but not for long, got his okay from the Border Patrol; W4FSS heard "mobile" on way north. W4IUR recouperating from Gabfest and real thrilled over prospective new grandchild.

K4KRI home from his northern vacation. K4KTQ having his troubles keeping his FM Mobile on the air. W4LZT the ole DX Hound. W4NPP home between cruises, new address 340 Morningside, Ortona (Daytona) PH-CL-2-4972. K4OVQ back from a trip North-again. K4PAC got back from his annual trip to Penna., in time to attend Gabfest.

W4PGL did a FB job on painting the signs for the Gabfest, so glad his XYL Ruth was able to get to the Hospitality house for a little while. W4PLO working on antenna for set up at Red Cross. K4RNM gone to college. Was nice to have K4KPF's XYL for Saturday evening supper at the Gabfest.

K4RNR/K4RNS "speechless" from "Gabfestivities" — provided the mascot named "Teke". W4SDR visited K4RNR/S shack, had a houseful of guests during Gabfest, and decorated front page of Skip for September. K4SDW moved to new QTH outside of Orlando.

K4TLM got lonesome I guess and went back to Maine, should be getting ready to return to Florida again soon. K4UJW returned from northern vacation, then swamped with visitors again, he and charming XYL Mary did a FB job selling tickets, Tnx Mary.

K4VNA — who wore his committee badges in the funiest places at the Gabfest. Charlie Faraldo did a fine job with his CAP squadron hadling the snack counter at the Gabfest. Charlie's new QTH is 651 Madison Avenue, Daytona Beach, or P.O. Box 1048. All members please not change of address of members.

Welcome new member — K4-CXL — William B. Clarida, Sr., 440 S. Segrave Ave., Daytona Beach.

Secretary K4RNS reminds all members of the meeting October 17th, 8 p. m. in the FP and L Bldg., 228 Ridgewood Avenue. It will be the new officers first meeting. Congratulations to them all.

Aloha. K4RNS Margie

K4ODS GETS SCHOLARSHIP

Max Robinson, 20, K4ODS of Dunedin, Florida was awarded a four-year scholarship to the University of Florida by the Florida Council for the blind.

Max ranked among the top three in a state-wide examination in Gainesville, July 6 and prior to that spent eight weeks in Daytona Beach for special training at a training center for the blind. He left September 12th for Gainesville where he will embark on a bachlor of science degree in electronics.

Max was first licensed in 1956 and has been very active in all Florida traffic and emergency nets ever since. His top traffic total for the month was 413 messages with the help of a tape recorder and his Mom, better known on the air as "Shorty."

Our heartest congratulations to Max on his Scholarship and we will miss that loud sharp signal on 3945 and 3910kc.

DX FLASH

HZ1AB, Saudi Ariba, advises over the air that he will be on approximately 14,035 kc daily from 0100 to 0300 GMT. QRLS should be sent to him at APO 616, New York City.

He advises he will be on the air later this year with 1 KW SSB into a Rombic.

And he promises to QSL everybody who sends a card, as quickly as possible. He reports working 42 countries in his first five days on the air.

His sig is about T-8-X or T-7-X. It has a distinct ripple on it, but no chirp, and a good "fist." So far, he appears to like to rag chew a bit, so it may take a little patience, waiting in line for a QSO. 73 George, W4MLE

Do you have a Funny Phonetic? Just for fun, send it in. Funny Phonetics Box 501, Miami Springs 66, Fla.

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

AMI SPRINGS RADIO CLUB

BOB STREET, W4IET

At the last couple of club etings the main topic of dis- ssion was, of all things, radio. e normally two hours of part siness, present business, future business, earth shaking resolutions, civic affairs, national elections, and discussion of trash collection days in the Springs, was reduced to the first fifteen minutes of the meeting. President Herb K4GGX then threw the rest of the meeting open for "radio only" type of business. Individual radio problems were presented to the group and openly discussed to try to find a solution. This may be something new for radio clubs, discussing radio, but it did make an interesting evening with everyone participating in the rag chew, "radio type" that is.

Wanna hear a lot of gossip, about coils and antennas, come to the next meeting. . .

Field Day was discussed (the June 1960 version). Since Field Day is an emergency drill, the club decided this year emphasis would be on training all members, novice and advanced, giving equal circuit time to all, whether he is a 5 or 45 wpm man. Our final score could have been higher by a few points, but the slight loss was off-set by the experience gained by all the members.

Earl W4YHW, field day chairman, had all his committee in high gear and the group is to be contgratulated for a fine job. Actually thing went so well this year only a few minor changes probably will be needed for the next one. Like a KWS-1 on each band, 3 element quads, 18 rigs, (one for each member) — Well a KWS-1 load up to 50 watts? . . . . CU next "radio club" meeting . . 73's

DEFINITION:

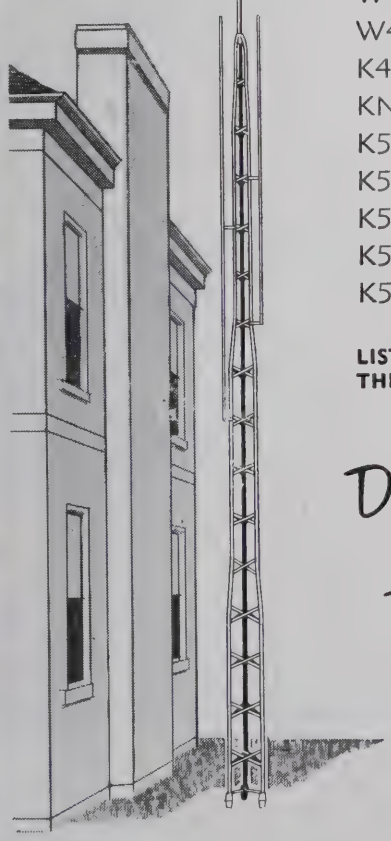
"A Vertical Is an Antenna Which Radiates Equally POOR in All Directions!"

This is a statement rarely heard since the Fall of 1957. In that year Hy-Gain Antenna Products introduced for the first time a series of highly efficient multiband vertical antennas of which there are now more than 25,000 in use the world over.

But this time-worn gag received its death blow six months ago with the introduction of the Hy-Gain hy-Tower — a completely self-supporting, TRAPLESS multiband vertical for use on the 10, 15, 20, 40 and 80 meter bands. This was the first practical antenna configuration covering all popular amateur bands and requiring only two square feet of ground space. It could be installed easily by a 2-man team and required no guy lines for its overall height of 50 ft. Users were amazed at the high efficiency, low angle radiation using only a simple ground rod system at the base of the tower.

Today the hy-Tower is in use throughout the world. Below is a partial list of users in every US Call Area.

K1AKC	K5ZHB	K9QPX
W1JHR	K5ZPS	KN9SZY
W1MAE	W6AEE	K9UBW
K2IEG	K6AQP	W9YZO
K3DML	W6DRZ	WØAHU
K3EMA	WV6HBD	KNØAOX
W4CV	K6HIJ/Ø	KØDOM
W4LHS	K6HJN	WØLTE
K4VKA	WA6JKY	KØOBX
KN4WVK	W6PLG	WØQAN
K5JBD	W7HCJ	KØSCG
K5MRQ	K7GCO	WØUSE
K5OAJ	K7MSL	KØVQH
K5QHZ	W8DUS	KØVVS
K5TCM	W9GLM	KL7CZM



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TERMS AS LOW AS 10% DOWN AND UP TO 24 MONTHS TO PAY—HIGH TRADES

MARS BC 27

186 years ago today (July 4th) the Continental Congress adopted the Declaration of Independence. The delegates from the 13 original states who inscribed their names to that famous document risked their lives, fortune and sacred honor. Their creed would undoubtedly reflect the patriotic philosophy of William Page who, in 1917, wrote the American Creed which follows "I believe in the United States of America as a government of the people, by the people, for the people; whose just powers are derived from the consent of the governed; a democracy in a republic; a sovereign nation of many sovereign states; a perfect union, one and inseparable; established upon those principals of freedom, equality, justice, and humanity for which American patriots sacrificed their lives and fortunes. I therefore believe it is my duty to my country to love it; to support its constitution; to obey its laws; to respect its flag, and to defend it against all enemies".

TWO BOYS DIE

(From Miami News Wire Service.) CHICAGO. Two 16-year-old-boys, friends since they attended the third grade together, were electrocuted yesterday while attempting to string an aerial for a ham radio set.

The dead were Walter (Butch) Cable and Donald Kohut.

DONNA SLAPS FLORIDA AMATEURS

After 10 years of near misses Florida finally caught a real live hurricane. Dear old Donna will be long remembered by hundreds of Florida amateurs who put in thousands of man hours setting up and maintaining emergency communications throughout the state. A full size book could be written on Donna and still the complete story could not be told. Those of you who were monitoring our Florida Emergency Net frequencies know the Florida amateurs did their best. Everything didn't run smoothly as in our JOCO VII drill in Everglades City last month. K4PMF/M and K4MAQ4 from Miami can tell you it was a much different story when they got there.

Donna brought down hundreds of antennas, trees, turned over trailers, tore off roof tops, flooded homes, cut off communications, smashed electrical systems, drove thousands of people to Red Cross shelters, broke water mains, turned over automobiles and small airplanes, washed out bridges and in general raised havoc.

Red Cross and Civil Defense units all over Florida swung into action as the hurricane approached the mainland. Tony Poulos, K4ENN called ye editor and offered to take his complete emergency station to the Keys. Miami Red Cross requested him to go to Tavernier, which he did. K4ENN arrived the evening before Donna and was the only communications throughout the night and all the next day. Here are a few messages, in part, he handled: "Extensive property damage. No known casualties. Tavernier Creek Bridge approach at south is washed out. Tides came in and left seawood 3 feet high so can not go north. Holding everyone in shelters at Tavernier. Approx 150 people in REA warehouse and Florida Keys Clinic combined. Approx 50 people in Coast Guard shelter at Islamorada. U. S. Wild Life officer at Tavernier found body of a male—not known yet whether colored or white. Need doctors. Request aerial survey. Convoy left Key West headed north at 0545 a.m. Includes rescue personnel and equipment, doctor and medical supplies. 1 Generator and 2 field kitchens. Navy to send up 5 helicopters with Navy doctors and medical personnel."

More messages out of the Red Cross in Tavernier were: Two feet of water over road at Marathon at 2 a.m. Marathon was 95 per cent evacuated. They left Friday morning. Went to shelters. Probably not 400 people left in Marathon. School at Marathon lost its roof and most all rooms caved in, but no casualties." On and on messages came, seemingly with no end.

Along the southwestern coast Donna rolled on her merry way. Everglades City, Naples, Fort Myers felt her sting as she tore down power lines and broke off communication channels. Amateurs struggled to get their generators to run, trying to coordinate their efforts and establish a communications headquarters. In time the AREC groups in Collier and Lee county got on the air. Traffic from Red Cross, Civil Defense, Florida Highway Patrol, Sheriff's Departments and many many others started to flow out of and into the hard hit disaster area. Amateurs worked until they dropped from exhauston.

All the reports are not in, but they will be published in the next issue as received. We welcome them all. Please double space all type written reports.

It would not be true to say all amateurs did a great job. That is far from being the truth. The old timers in the FEPN and traffic nets did an excellant job, but there were dozens of other amateurs that caused more damage than Donna. Ye Editor has over 6 hours of taped transmission on our Florida nets, and I only wish these offenders could hear the damage they caused to the people who were desperately trying to get urgent messages thru. It was a sin!

Due to shortness of time this month we plan on carrying a complete report in the next issue of SKIP. This report will be given by a professional writer who is also a good amateur. Don't miss it.

FLORIDA SIDEBANDERS

During the past month, thanks to those stalwart "volunteers," we have had a series of very interesting programs on Sunday afternoons On 14 August K4TZL — Frank, gave us a few lessons on how to cook up a good husband. I think most of us could fit ourselves into the story he told. On 21 August W4OVE — Vance, recounted his experiences while visiting SAC Headquarters and Communications Command Post. We were impressed by the description of world wide facilities available to SAC—reassured too! On 28 August W4GAA — Tom, told us about the operations of the Tallahassee Amateur Radio Club during a recent county election. Amateur and Commercial Broadcast Radio teamed up together to provide the fastest poll reporting on record. Then on 4 September W4CNZ — Burt, told a few old "sea stories" of his 18 years in the Navy.

Certificates of membership are at long last designed and shou at this time be in the printe hands. So be of good heart, f you will soon have yours if yo have earned it. If you haven' and want one (I'm sure you wi want one — they are real nice — get on 3940 KCS at 1700 ES Sundays for 10 consecuti week and enjoy the fun.

W4RML and W4OVE a building 4-1000A linears to p big voices on the air. As a matte of fact Vance — W4OVE has h just about finished and may ha it on by now.

Your's truly — W4CNZ rigging up a pair of 811's. Ju don't hold your breath waitin for me to finish it.

FLAT TOPPINGS

Poor old Cliff W4RML — waited patiently for a 4-1000 to arrive in the mail. When arrived visions of the bing linea danced before his eyes. Ala upon opening the box there wa nothing within but a pile broken glass. Cliff — is that wh your signal has been breakin up?

W4NQW bought a new XTA to cure his VFO woes — no soa — he's still the NOMAD of th cycles.

Somebody told me K4EHY — Dan, is looking for a TX- SB10 combination. CHUCKLE!

Well that's the story for thi month so 73's, see you Sunday a 1700.

Burt/W4CNZ

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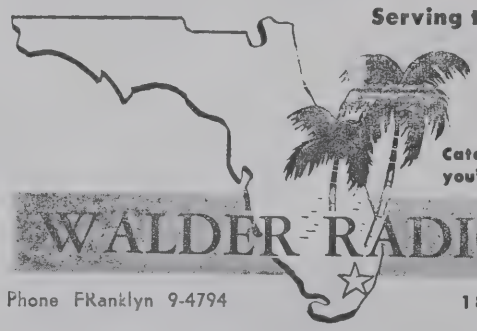

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See: W4NVF, Roy Humston; K4AZQ, Elmer Bradley; or Tex Quinn

SKIP FEEDBACK

October, 1957

Front page pictures of K4-W at rig. . . .FLORIDA SKIP es a step forward and incor-ates. . . .with hard work done K4KLL. . K4ABV has info out ham participation in Girl out fund drive. .Nearly 40 VHF husiast picnic at Tavares. . . ite CD and RO in high praise VHF. . .W4AYV and Lake ateur Radio Association or-nize the function. Ten cities resented. . .K4KRJ reunites her and daughtr after long eration. . . .another good deed amateur radio.

SEC asks amateurs to partici-te in nationwide Simulated ergency Test. . . .Amateurs ed not to write FCC for rules l regulations. . . .instead write perintendant of Documens, S. Government Printnig Office Washington. . . . . .W4BCZ in pital . .W4HNV, W4MRA, and CNU off to school from Day-a Beach Club. . .The club now st three OM/XYL teams. . . lando club participated in eration Safety in conjunction h the Florida Highway Patrol r Labor Day week-end . . . t Control at Highway Patrol-W4PLB/4 and alternate net trol K4AKQ. . .monitoring on and ten—W4AKF. . .12 mo-units plus walkie-talkies in . . . K4BNE best man in wed-of K4ENW and K4FLA. . . KQR gave the bride (his ghter) in marriage. . . . . TDK and W4BAV flew to icago for 2nd. YLRL and ARRL Naional Conventions. . .ZS-2NW of South Africa is adopted member SPARCYLS. . .K4CTU has a nice DX column. . . .Floridoras announce a certificate for amateurs who have proof of working ten Floridoras. . .Floridora YL c.w. net with K4HXB net control. . . .South Miami reports 20 members at swim party at home of K4KXX. . . .Silver Springs club call K4GSO. . .Nice pictures of K4BNE, net manager FMTN. . . .. .W4SMK is off to College. . .W4JCS back on air from Reodick again. . .Dade and Miami Springs clubs hosts to Danny Weil, famous DX'er from England . . Two meter DX from Indiatlantic near Melbourne to Key West . . Six meter gang of Pinellas County have formed Suncoast VHF Club. . . .K4ELT starting a column for SSB and DSB. . States Attorney K4OEX on SSB before he ever uses ancient modulation. . . .K4HEN in hospital. . W4TKE wins contest and get write-up in paper. . .New Smyrna Beach Amateur Radio Club announces W4OY president, K4LCF vice-president, K4LSA secretary . . . .Daytona Beach elects K4BV president, W4SDR vice-president, W4UHL secretary and KKRI treasurer. . . .KH6UK and W6-NLZ maintain long contact on 144 mc. . . . HZITA, Prime Saud visits Miami. . .Letters of encouragement to Skip personell from all over the country including ARRL headquarters. .Frightening picture of W4TAS at his peanut whistle . . . .Route Manager announces reactivation of FN . . ..1957 Edison Award nominations open. .Approved R.A.C.E.S. plans number 13 with four more in the mill. . .according to W4-UHY, State Communication Officer.

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AMATEUR RADIO CLUB

ST. PETERSBURG

In June, hams all over, enjoyed the annual National Field Day competition, but little did they know they would be repeating the operations just twelve weeks later for a real emergency. When hurricane "Donna" tore up the center of Florida, she found the amateur radio operators ready to pass along information, enabling those whom she visited to be prepared for her reception and assist in giving aid where needed after here departure. A BIG vote of congratulations and a Hearty thanks to all those who so ably and untiringly rendered their services.

FAST NET

FAST NET Traffic increases by 560 percent! This shows you how statistics can lie. The FAST Net was formed in June and during that month six pieces of traffic were handled by the net. During August a total of 34 pieces were handled, thus the increase of 560 percent. I certainly hope next month will see an increase of at least 100 percent over August. There is only one way this can be done. More stations on the net, with greater coverage of the state. Those stations operating on net tions operating on the net now are enjoined to pass the word along to other SSB stations contacted. If you are reading this, and are SSB and are not now on the FAST net; joint it on 3910 KCS at 1930 or 2030 hours Monday through Friday. You don't have to take much time; since we have no roll call, a few minutes of listening on frequency will tell you if there is traffic for your area.

Congrats to Cliff W9PVZ/4 for his new call sign W4RML, Chuluota, Florida.

K4IMN/4, Bill, sure puts out a fine SSB signal with his SB-10, DX40 combination. He's putting on a pair of 813's but I'm not really sure he needs them.

K4NCN now NCS for FAST on Friday nights at 1930, K4YXC is NCS at 2030. W4RML now NCS for Wednesday nights. We need more NCS!

W4NIR, Lloyd, formerly of Charleston, S. C. is now located in Sarasota. Welcome to FAST.

K4QKF, Herb, sure has been missed of late. Understand he has been having troubles with his power supply. W4NQW says he just doesn't know how to fix it.

Your FAST Net has been registered with ARRL.

Many thanks to the SSB boys in Ga., S. C., N. C. Liason with their SSB nets has been established and the traffic has begun to flow. To assist these fine nets, which all meet at 2000 EST, the FAST Net now re-opens at 2030 EST to pick up any out of state traffic which they might have for us.

That wraps it up this month. To all who listen on 3910, 73's; to those who don't, we invite you to join FAST.

Burt/W4CNZ

TRAFFIC HOUNDS

WESTERN FLORIDA (August)	
K4UBR	244
W4NBF	110
K4RMO	7
EASTERN FLORIDA (August)	
(sent direct)	

FPTN CHATTER

HERB K4LCF

FPTN meets daily, Monday thru Saturday at 0700 est on 3945 kcs. New members are welcome anytime.

It's with a great deal of pride that we inform you readers that W4NGR, Lake Mary and W4BKC, Orlando were presented the Orlando Orange County Civil Defense Certificates of Merit as results of participation during the flood emergency in Orange County. CONGRATULATIONS, Case and Hal. K4MTP, NewPort Richey advises he was material for a very fine article in his local paper. Good work Gene.

To those members of FPTN who have been waiting so patiently for net certificates . . . Saw W4KGJ at the Daytona Beach Hamfest. He is just returning from a nice vacation, so I'm sure he'll take care of the certificates shortly. Dark spot in Johns vacation was that he and one of the children were sick. Welcome back John.

W4NGR has some competition now . . . W4DTS, formerally Waldo is now "Beautiful Lake Alto." Dale, K4BHL spent a week vacation with K4DBT, Stuart . . . Wata mess . . . With school starting, we are losing the net services of K4EHY, W4JRJ. Boys, both of you have done an outstanding job. Pop in when you can.

K4BOO reported into the net several times mobile while he was vacationing in the Carolinas. Also one time from the QTH W4NTS. Jim is back now and as usual doing fine as NCS on Saturday's. Guess for the first time in the history of FPTN we had an XYL ncs. W4WPD, Tampa filled in for Jim and did a commendable job. Thanks Shirley.

W4BIL is still operating portable from Clearwater and as in the past, W4WME comes in occasionally using her rig. Get set up permanently folks — we need your services. . .

Shocks of the month. . .these STNS actually checked in.

K4ADD, Ed, Ft Lauderdale
K5OUL/4, Bill
W4WDX, Wild Bill, Siesta Key
W4MLE, George, Tallahassee
W4KUM, Sam, Avon Park (Joined the net too)
K4YCY, St. Petersburg
K4QXD, Roy, Leesburg
W4TRS, Bill, Sarasota
W4MEW/M, Ellis, Lakeland
W4FE, Art, Holly in the Hills, Fla.

Congratulations to W4JRJ, who had a birthday in August, only 39 yrs old, you know. That wraps it up again, so see you next month. Hope all hands cope with DONNA okay.

RADIATION RESISTANCE

By Dick Adcock, W4GL

In every type of an antenna system, there are two kinds of resistance. Loss resistance, brought about by dielectric losses in coils, insulators, wire, grounds, etc. and radiation resistance, the kind we want.

With a vertical type antenna, such as most mobile operations use, there is abundant evidence that the ideal vertical would be some thing on the order of a half wave high and would have a ground system consisting of at least 120 Radials, each being a half wave or more long. Such a structure would not be very practical for mobile operation, so the custom is to approach as near as possible, the next best thing a quarter wave whip, using the car body as the ground system. At 10 meters and the higher frequencies, this poses no problem. At 15, 20, 40 and 75 meters, even a quarter wave vertical becomes impractical.

As a starting point, let us state that with the ideal one quarter wave mechanical height and the F.C.C. radial ground, the theoretical radiation resistance at resonance will approximate 36 ohms. Any greater amount of resistance must therefore be loss resistance. It follows that a shorter mechanical length will exhibit a lower radiation resistance. An 1/8 wave would be expected to be about 18 ohms etc. Therefore, when we load these shorter lengths to one quarter wave resonance by means of coils, condensers, etc. we can never expect to get back to the 36 ohms that a full one quarter wave antenna exhibits. Frequently one is fooled into thinking otherwise because of the loss resistance so often added in doing the loading.

The method of loading has many schools of thought. Base loading is mechanically attractive but at the base the coil will have higher currents and therefore a higher loss resistance factor (1 R) 2. As we move the loading up the whip, the current goes down and likewise the loss except that more inductance is required for the same resonance that would be required at the base where the current is higher but the evidence is conclusive that the losses are less and the efficiency higher as the loading is moved higher. A "Top Hat" capacity anywhere above the coil will materially decrease the inductance required, and further increase the efficiency. At 75 meters, a fine wire, such as piano steel wire may be strung from the top of the loaded whip to the regular car whip antenna and insulated from it with a nylon cable clamp, to provide high efficiency loading. This will about reduce the load coil in half in most cases and more than double the efficiency.

As a rough guide as what to expect in the way of resistance at resonance, the writer has made a number of measurements on a variety of designs at 20 meters. With a G. R. bridge, about the best one can expect to do, is measure something on the order of 25 to 30 ohms of pure resistance and the loading has to be extremely low loss to attain these figures. Again, by juggling the coil so as to obtain a complex impedance, a person can make the S.W.R. bridge read near 1 to 1 and fool himself into thinking h has 52 ohms resistance. Whic may be combine as a matchin section and not be bad, but th figure of merit of the antenna ha not changed, it still has just 2 to 30 ohms of radiation resistanc and the only way to raise tha factor, is to "up the Length".
73, S. E. Adcock, W4GL

FROM MABEL'S KITCHEN (TRY THESE ON YOUR HOT FINAL

Want your sponge or ange cakes to rise extra-high so the look like the ones in magazin ads? Rinse the inside of you cake pan with cold water, tur upside down to drain while yo mix your cake. Pan should b damp inside with no excess wate in the bottom when you fill i with batter.

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WHAT ARE RADIOMEN?

Among the stranger people on s earth are radiomen. A radio-n is a person either going on coming off watch. Contary to pular belief, radiomen are not zy. A radioman has two ains; one perfectly normal in, which is destroyed during process of learning radio, and other which is in a constant te of turmoil and is used pro-iently in his work. This latter in is filled with dots and dash-and procedure signs.

Radiomen are like ground hogs. ey seldom, if ever see the sun, ning up topside only on Satur-y at the request of the Com-nding Officer. Then, if the n is shining and a radioman s his shadow he goes below and eryone knows there will be six re days of sunshine.

Sitting at his typewriter, a dioman receives an endless ry of the world flowing ough his ears, unable to get because both ears are stopped by headphones. The stuff ws out through his fingers and given out as press news, wea-r messages and so forth.

When conversing with a radio-n, don't try to point your ry by asking if he remembers he Message to Garcia" because he will jump up and scream, "What's the number of it?" '(Who sent it?" "If it's lost, it didn't happen on my watch,"

Radiomen live on black coffee and cigarettes. All through the long midwatches they sit and dit and dah, so tired and weary of it all and wondering why they ever chose radio as a profession. When they go off duty, they hurry home to the little "ham" radio sets and just dit and dah to their heart's content. Girls who fall for radiomen will find they are courted with considerable sparking, and after they are married, will receive much broadcasting, both loud and long. Radiomen are found on all ships and in all stations and are quite harmless if left alone, fed occasionally, and given annual leave so they can rig up a new "ham" outfit at home.

BRIEF HISTORY OF THE QUARTZ CRYSTAL

The Piezo electric effect of quartz was first suggested in 1881. The word Piezo electricity means pressure electricity. The word Piezo being derived from the Greek word Piezein meaning to press. This phenomenon by which quartz crystals exhibit electrical polarity when subjected to mechanical pressure was first suggested by Coulomb in the later part of the 18th Century. It was after the outbreak of World War I before serious attention was given to the practical application of Piezoelatres crystals. In 1920 the first oscillator circuit controlled by quartz was discovered and patented. In 1926 station WEAF in New York was the first crystal controlled broadcasting station. Since that time many circuits and types of crystal cuts have been developed to a degree that quartz crystals now control the time keeping equipment of the Bureau of Standards as well as the Greenwich Observatory; Quartz crystals are now being made for equipment having a percentage of accuracy of 1-1/10 cycle per 1 million OPS for constant use year after year.

For commercial use the best quartz is found in Brazil and the technique of cutting; lapping and etching crystals from the raw stone has improved rapidly in the past few years. New types of cuts make possible low frequency crystals much smaller than before — the development of the overtone crystal eliminates the need for additional doubling and tripling circuits. Miniaturized crystals now being made for television and aircraft radio are steps ahead in the crystal industry.

Due to the variety of oscillator circuits employed by various manufacturers of transmitting and receiving equipment it is difficult to correlate the crystal frequency for every circuit. The capacity of the oscillator circuit is important as the frequency of a crystal will be lowered when capacity is added to the circuit.

(From Texas Xtals)

W4BOW LOST IN FIRE

LAKELAND RADIO HAMS GRIEVE LOSS

The fire which scuttled the Lodwick barracks July 11, 1960, completely wiped out the quarters of the Lakeland Amateur Radio Society housed in the building. The loss is estimated at $2,000.00, including radio station W4BOW (Best over the World). Thanks to operator Woods, who did not obey orders and forgot to return the station's transmitter, following the Field Day exercises, that portion is all the remains of the club property. 73 Louis J. Polskin, K4LTX.

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VHF IN FLORIDA

ALLEN A. ENGLEMAN

W4RMU

50MC stations in north Florida enjoyed one of the biggest tropo openings August 21st and 22nd to the north that has been experienced in a long time. Stations as far north as W4FT in Wilmington, N. C. were worked. K4EXG, K4PZW and W4MBJ, all of Jacksonville worked W4FT for their first N. C. contact. Also several stations in South Carolina were worked by these three for another new state.

During this same period 144MC was open to Virginia. It seems that 144MC is generally better by a hundred or so miles during this kind of opening. North Carolina can generally be worked on 144MC under normal conditions, from north Florida.

The results of the long distance relay on 144MC have turned out well although the goal of Key West to Canada by 144MC relay has not to our knowledge been reached.

On August 18th a rather long message was filed at Key West, Fla. at 2100EST. One hour and three minutes later it was received by W4ZXI in Greensboro, N. C. and 2 hours and 30 minutes after filing time it was in New York, received by W2ESX. The message was addressed to VE2GQ. The results beyond New York are not known.

On August 21st K4DZP in Hialeah, Fla. filed a 16 word message at 2140 addressed to Ve2GQ. 18 minutes later it was in Aiken, S. C. The message died at this point because the next relay station did not meet the sked.

On August 28th K4DZP, Hialeah, Fla. (near Miami) filed a 27 word message addressed to Keyport, N. J. Filing time was 1945EST. This message reached W4KDH in Chatham, Va., just 44 minutes later. Results beyond this point not known. On September 4, W4RMU, Jacksonville, Fla. filed an 8 word message at 2104 EST. Just 12 minutes later it was in Chatham, Va., and one hour and six minutes later it was received by W2ESX in New York. The message was addressed to ARRL in West Hartford. The results beyond New York are not known.

These tests definately prove the practicability of long distance relays on 144MC. The system was well organized as far north as Virginia, but beyond that point organization left much to be desired and messages were relayed "free lance." The relay points up to Virginia were from 200 to 300 miles apart. Reliability was good with S8 signals over most of the route. Both AM and CW were used, either being satisfactory over most of the route. It is hoped that in the future, with better organization, even more astounding results can be obtained. To our knowledge this is the first time such lengthy relays have been tried on 144MC or higher. Reports of similar tests tried elsewhere will be most welcome.

ARRL OB 766

Effective September 15 the voice bands in Canada are enlarged as follows: 7150 to 7300 kc, 14100 to 14350 kc, 21100 to 21450 kc and 28100 to 29700 kc. The Department of Transport action was responsive to many petitions last year and a subsequent poll of Canadian amateur opinion which showed substantial sentiment in favor expansion.

ATTENTION HAMS

You are welcome at "Ham Headquarters"

PEARD ELECTRONIC SUPPLY

serving Northeast Florida and Southeast Georgia

We are Factory Authorized Distributors for Collins* Hammarlund * RME * Johnson * B. & W. * Gonset * Hy-Gain * National * WRL * Hallicrafters * Geloso * Master Mobile * Vantron * CDR * many others.

We also take in used equipment on trades.

Open Monday through Saturday . . . 8 a.m. to 6 p.m.

PEARD Electronic Supply Co.

SEE WOODY

535 Washington Street ELgin 5-3473 Jacksonville

WINTER HAVEN ARA

Betty Darsch, K4RXD

The following new officers were elected at the Sept. 12th regular meeting of WHARA: Pres. Dr. John Attaway, K4IIF; Vice Pres. George Ashton, W4-RGF; Treas. Frank Pierson, W4-GPG; Sect. Herb Hamilton, K4-KDN; Directors, Henry Pfister, W4CCC and Bill Corley, K4IIN.

If anyone should wonder what has become of W9PNV (Pea Nut Vender) he and W4RGF are one and the same person. George just received his new call and will retain his W9PNV call as he will be operating from W9 land part of the year.

Bill Houston, K4CK is pretty happy with his new Mosley Tri-Bander. He works lots of rare DX, including Arabia and "down under."

A novice net on 7163 kc is off to a good start with Mickey Woods K4ISR at the helm. 73 B.D.

ANTENNA ORDINANCE

Tom Cole, K4YCX of Micanopy, Florida (Near Gainesville) mailed in the following "Ordiance regulating installation, repair, and maintenance of television and radio receiving antennas and providing penalties for its violation."

The report is 17 pages long, but Tom underlined the following: Under Definitions "Antenna" as used in this ordinance shall mean the outdoor portion of the receiving equipment used for receiving television and radio waves.

"Permit Required: It shall be unlawful for any persons to install, repair, or maintain, either as owner or as agent, servant, or employee of the owner, or as independent contractor for the owner, or otherwise, any outside television or radio receiving antenna, any additions to, or radio receiving antenna unless and until an inspection permit shall have first been obtained.

"An inspection fee of $2.00 shall be paid for each permit issued under Section 2 hereof.

"The electrical Inspector and his assistants are hereby empowered to inspect or reinspect any wiring, equipment or apparatus conducting or using electric current for radio and television receiving service in the city."

Mr. Cole makes a note that the above paragraph includes "rig and all it's electrical connections indoor."

"Section 7. It shall be unlawful for any person to hinder or interfere with the Electrical inspector or his authorized representatives in the discharge of their duties under the provisio of this ordiance."

In other words the boys Gainesville way can't put up a kind of amateur antenna witho a permit (for two bucks) mu have it approved by their Electr cal Inspector and if he wishes inspect your wiring — don't t to stop him. (Penalties not exceed $250.00 or by impriso ment.)

If you have any comments this ordinance, write: Tom Col K4YCX at Micanopy, Fla.

THE WOUFF HONG

In the early 20's a series articles appeared in QST writte by an author who used the non plume "The Old Man." "The O Man" usually had as his subje the rotten operating habits of t "Young Squirts" . . . and, brot er, did he pour it on!

The passage of years has di med your scribe's memory of th exact wording of the article, b it was somewhat of this natur "The Old Man" was trying t take a message from a youn squirt who only thought he kne the International Morse Cod In the garbled text there cam out some reference to a "Wou Hong." The Old Man had muc to say upon the subject of ga bled messages, ending up wit the thought that a "Wou Hong" might be an instrume of torture to be used upo thoughtless young squirts t pound a bit of operating sens into their dumb heads.

Many of his subsequent arti cles made reference to the Wou Hong in the sense of it being sort of mace or scepter to b wielded as an instrument of re tribution upon those who violate the principles of clean operatin practices. Amateurs engaged i a great deal of speculation a to what a Wouff Hong migh look like. One day a package tha contained a Wouff Hong arrive at Headquarters . . . direct fro the Old Man himself.

It has been a treasured objec in the custody of the Headqua ters Office ever since . . . doub so when it was discovered at th death of Hiram Percy Maxi that he was "The Old Man."

For those of you who may hav gotten into the game too late t know, the founder of ARRL an its president from its inceptio in 1914 until his death in 193 was Hiram Percy Maxi W1AW. The ARRL headquarter station, W1AW is a memoria station, especially assigned th call letters of the League's found er.

(COLLECTOR AND EMITTER

HAMBAR

)TE: Florida Skip does not sume any responsibility for ndition, price, etc. of any item ted in this column.

'his column is FREE to any Li-sed Radio Amateur. There is no it to the number of items an ividual may list. All listings are celled each month. If your list- is not moved, it will be neces-y to relist the following month.

LASSIFIED and COMMERCIAL ADVERTISING RATES:

'o Licensed Amateurs; Buy, Swap, l (non-commercial) — Free.
'o Commercial Business; Classi-l, undisplayed — 50c per line; istrative or General Display with der — $3.50 min., $80 / page; ial cost of cuts, additional. Cuts nished, no charge.
n Advertising inch is measured " vertically on one column, i.e., Columns — 40 column inches to page. Rate card by column inch plied upon request. FLORIDA IP Inc., Advertising Department,). Box 501, Miami Springs, Fla.

R SALE: Collins KMW-2 portable er supply and matching suit-e-sized carrying case. Cost $1,400, for $1,150 or trade for light ne. Two months old, just back m factory with all latest modifi-ions. Bruce May K4RRB, 3005 mingo Dr., Miami Beach, Fla.

R SALE: Make me an offer on Gonset GSB-100 transmitter with than 40 hours operating time. ing it because I DON'T LIKE 3. Also have good DX-35 for $30. A. Stoner W4BJI, 628 W. Park Lakeland. MU 6-4067.

R SALE: HT-32 like new condi-h. All xtals included $495. NTED: FREQ and modulation ers. Must be first quality, per-t condition, fair price. Ruth Nissin BWR, RR2, Box 190, Melbourne, .

LLING OUT. Best cash offer es complete station. 75A4 with 3.1 1 .8 kc filters; CE20A with VFO; watt final with pair 813's and ky power supply; EZ way RBS-40 er; Mosley TA33 beam and TR14 ator. Will not sell individually. shipping. Hearld Sillman K4SCT, D NW 190th St., Miami Phone 1-6844.

R SALE: Teecraft TR 20 series nsmitter, power supply, converter, meters. $30. G-10 meter converter Meissne Signal shifter $10. Pair 's, used .50 cents each. WANTED meter converter to fit an DC-240C converter for 6 meters for a -40. Tandy Way KN4YSN, 4851 82nd St., Miami 43, Fla. Phone 1-3396.

R SALE: Heath Mohican commu-ations receiver, expertly wired, nd new, best offer over $110. New . Drave TV-1000 LP pass filter Heath AM-1 antenna impedance ter $14. Astatic D-104 crystal mike push to talk model G stand .50. New Vibroplex bug, delux sh, original model $18. Hy Gain V vertical antenna 10-40 meters, er used $18. Saul Cohen K4ACJ, 4 Michiban Ave., Miami Beach, . Phone JE 1-9782.

R SALE: Hallicrafters S-38E re-ver. Less than a year old, excel-t condition $45. No. 0 watt oscil-r-amplifier transmitter, 80 or 40 ters. power supply included, 7192 crystal included. Good working dition. Perfect for the Novice . Garry Greenberg, K4MGX, 6811 2nd Terr., Miami 44, Fla. MO 1-9.

URGENTLY WANTED. 900 U. S. hams to exemplify hamdom's natural generosity toward our DX friends in a person-to-person goodwill program. Over 3,000 "expired" Call Books already sent overseas, but 900 letters on file pleading for gift of old Call Books (under 3 years). Write Clif, K6BX Box 385, Bonita, Calif. for one of these DX letters and join the U. S. Goodwill program.

SWAP: Have good dynamotor, Gonset all-band converter will swap for ac power supply for AF-67 Elmac. Also have gift certificate for beam. Write Martha Goodyear K4IDQ, Box 11, Florida Sanitarium and Hospital, Orlando, Fla.

FOR SALE: Gonset G-77 transmitter in like new condition $175. Earl Carter W4YHW, 910 Oriole Dr., Miami Springs 66, Fla. TU 7-4001.

FOR SALE: Amperite delay relay octal base, 115 v.a.c. 60 cy. no contact $1. Weston dc micro amp 50-0-50 3 inch $3. 50 watt socket for 872A .50 cents. dc relay 12 V. coil multiple pole -DT. 50 cents. Diodes IN52 4 for buck. F. F. Stephens W4DRK, 2430 E. Robinson Ave., Orlando, Fla.

FOR SALE: Johnson Valiant, Johnson 6N2 xmtr, with VFO, power supply, modulator PPT. Also 3 VHF beams, Hy Gain and Cushcraft, 6N2 Hy Gain ground plane, techcraft 2 meter converter, HQ-120X with xtal cal and Millen R9'er. Bob Street W4IET, 116 Iroquois Dr., Miami Springs 66, Fla. TU 8-7406.

FOR SALE: 6 meter 11 element "Spiral Ray" Telrex antenna, completely Krylon Coated brand new condition $30. Central Electronics 20-A's factory wired brand new conditioned in original carton with QT-1, BC-458 VFO $145. Tecraft 220mc. transmitter now in original carton $40. J. W. Gregory K4OCK, 3000 SW 103rd Court, Miami. CA 1-9625.

FOR SALE: Gonset III, 2 meter, push-to-talk antenna, mike, cables, and instruction manual, plug it in and you are on 2 meters. $200. National NC-125 receiver, looks and works like new. $90. Have 2 30 foot heavy duty steel antenna masts. $9 each. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

WANTED: More Hambars . . Why not take advantage of this free service? Make the XYL happy by clearing out your unused equipment. Maybe some one needs what you have laying around. HAMBARS, Box 501, Miami Springs 66, Fla.

FOR SALE: Viking Challenger, good condition $95. Dick Raustad W4FBS, 1831 NW 7th St., Miami.

WANTED: Schematic for Gonset Tribander Converter, buy or borrow. FOR SALE: Gonset 10-11 converter and Gonset Noise limiter both $10. Jess Price W4CLJ, 411 Gunby Ave. Orlando. Fla. Phone 57-251

WANTED. All Easter Florida ARRL Emergency Coordinators send in an informal report as to cooperation received from City, Red Cross and Civil Defense officials during Hurricane Donna. Andy Clark W4IYT, Sec. E. Fla, 41 Lenape Drive, Miami Springs 66, Fla.

WIRELESS MICROPHONE

A transisistorized wireless microphone and receiver system has been introduced by Micro-Dyne division of MacLeod Instrument Corp. 4250 N. W. 10th Ave. in Fort Lauderdale.

Priced at only $1,250 each, the unit is designed for police, intelligence, and security application. It has 35-hour continous operation batteries.

ORMOND BEACH GABFEST

Marge K4RNS

Once again the DBARA Inc., wants to thank each and every one of you who helped to make our Gabfest held September 4, at the Ellinor Village Recreation Center, Ormond Beach, the happy success. It's membership, generousity of the donors, and especially to the many, many Amateurs and their families who attended.

The Hospitality House was open at 1200 hours Saturday, September 3, where "Eyeballs" and Eyelashes" were held, accompanied by snacks and refreshing drinks, and background music of the new recording especially for "Hams" called CQ Serenade.

A get-together supper was held at the Polynesian decorated restaurant the Tropics in the Ellinor Village shopping center, after which all returned to the Hospitality house, for more ragchews, refreshments, group singing, and entertainment on the guitar by K4ODS Max Robinson.

The Floridoras were thrilled to receive their new directory distributed by K4PPX Fran, and had several important get togethers. The Floridoras who attended were: W4GGQ, K4RCX,KN4VOT, K4UIZ, W4BWR, K4ANR, K4-BAL,, W4HRC, K4RED, W4WPD, K4PPX, W4IUR, K4RNS, and two new members K4JXZ and KN-4YXX.

Sunday about 0900 hours the Hamfest got underway, with display of numerous prizes, and activity at the Swap Table, and display of new equipment. W4-MEL, the club President welcomed everyone, introduced the club officers, John Porter W4KGJ SCM spoke a few words, followed by Secretary, W4IYT Andy Clark and K4UJW Volusia Co. EC after which the drawing began. K4RED Lucy carried off the main prize, with over 99 other winners of various items of interest.

A snack supper was served by the DBAR Inc., at the hospitality house following the drawing, and it was far into Monday morning before things finally were "secured."

However, many of the DBARA members held open house on Monday. The Knights of the Kilocycles checked in at K4VNA/ W4IUR'S on Sunday. The Floridora YLs checked in at W4IUR's and K4RN's, the FMT members checked in at W4SDR's and rumor has it that many were working on their Freeloader's Certificate - hi.

Again thank you all. Will look for you next year!

EBAUTIFUL NAPLES

When Donna left Naples a couple of weeks ago, she had created the biggest mess this town had ever seen.

When we visited the shop (Skip is printed here) after the storm, we had almost three feet of water a couple of tons of mud and debris.

Some of the Skip copy was going in and out with the tide, so if we're short some items please be understanding.

When first entering the shop after Donna we were like the young Sultan who had just inherited his father's large harem. He knew what to do, but didn't know where to start. We finally got all machines running again and by the time we print Skip again, should be back to normal.

K4LQS

EX-CALLS

About every day we receive a ex-call. Has your's appeared? Editor, Box 501 Miami Springs 66, Fla.

K4KB ex W5NM
K4BY ex W3MI
W4AAT ex W9MMO, HH2CP, KV4AB, PK4LV
W4IMD ex W1VFD
W5CME ex K4SXO
K4CGN ex K9VDI
W1NJM ex W3AMR, D4ALS

NOTE BAND CHANGERS

Chicago Dynamic Industries Inc., has introduced a line of removable wafer rotary switches which handle up to 400 positions. According to the firm, switching is transferred from one wafer to the next through the use of a Geneva gear control unit and associated control wafer. Just what you need for that new rig.

A PROBLEM

I have a problem. I can't come up with any "clean" phonetics for my call. Would like something cute, and clever. Can any one help? My call is K4RDP. Reply to William J. Wells Jr., 506 NW 19th Ave., Gainesville. (Editors note. Pick out a set and try washing them down with "Life Boy". That might help.)

FREE FOR ASKING

FLORIDA SKIP has limited supply for "PANN" operating manuals, put out by the top traffic editor, W7FIX of Seattle, Washington. We also have a good supply of "QN Net" list cards for anyone interested. Editor, SKIP, Box 501, Miami Springs 66, Fla.

Dear Mabel . . . .

(QSY'd From Front Page)

transmission gets the boys alert and frantic.

Mabel, I won't go into all of the details of what happened to us, but we bounced around the backwoods road and trails for a couple of hours. A patrol car stopped us. we aroused a kennel full of hound dogs, got hollered at when we apparently trespass ed on a farmyard, and we hit every chuckhole and dead-end in a radius of three miles. and interrupted a courtship. The only hint we had was that the transmitter was directly under Arcturus.

When the road got so narrow that we couldn't go on, Clyde stopped the car. We knew about where the transmitter was but we didn't know how to get there. We sat there for a minute looking at the moonlight through the dead bugs on the windshield. I said, "Let's neck," and Clyde said, "Oh, nuts," and our receiver said, "Stay where you are and the hidden transmitter will come to you."

So they did and we didn't even get any potato chips.

It's funny, but we can hardly wait for the next hunt. Clyde says he's going to tune the loop better and put an S meter on the receiver so we'll be the first ones in. Also, he's going to ask his friend Herman to come with us. Herman doesn't need a loop. He homes in on the goodies.

Mabel, if you get a chance to go on a transmitter hunt, for goodness sake, go. It might not be very romantic, but it's a lot of fun.

Glays

Donna . . . .

(QSY'd From Front Page)

the entrance for protection against falling wires, trees etc., leaving only the back end of the car with the antenna exposed, they also brought in a crippled boy. Bedding was secured from the Ormond Beach Police Station, and mattresses were sent in by truck from Ellinor Village.

It is with pride that the Daytona Beach Amateur Radio Assn., Inc., was able to be of service to the community, and Adam Moranty, K4UJW Volusia Co. Emergency Cordinator wishes to thank all members and the public for their interest and co-operation during this emergency. 73 K4-RNS.

JOCO VII group at Everglades City: K4UGA, W4KTE, W4ARU, K4ENN, ???, USCG Radioman, W4EHW, K4GBS, W4AFF, and W4DRD. See September Skip for JOCO VII story. Photo by IYT.

EDITOR FLA. SKIP:

Ah don't have any Pet Peeves, all Ah got is jest the plain ole garden variety gripe. (Come to think of it, ah hain't got any pets round the shack, cept the XYL, 2jr. ops, a few roaches, and an occasional Daddy Long Legs).

Mah gripe is in every "HAM" publication. There are some Do-Do's (long "o") who have to complain bout every thang whut sumbody does.

They can pet thar peeves all they wants and the only thang they's gonna git outten hit is ulcers and a one way tickeet to Chattahooche. Take hit frum the ole professor a ulcer down thar modulating the ole bread basket shore ain't funnie, an Chattahooche will git ya soon enuff wif out you pushin hit.

Now ah will have to conseed thar's a time an a place to be serious an a time to have fun. Thank God the time to have fun out weighs the time to be serious. That is iffen you wants to git the most outta life.

Now let's analyze last months "Pet Peeves." (Whut ever that is).

Maybe that lil feller whut don't use QRS in place of QRN or QRM. Cud be he don't know whut hit means, so iffen he didn't say QRM or QRN he wud jest be a sitting thar panting lak a lizzard onna hot rock, tryin to thank of sumpin to say. Now don't you agree that hit's better to have him say that than jest have 3 minutes of panting? No? well OK. Snake pit, put in yore order for your ulcer regime now.

Ah always said that a TFC Net is fer TFC. So's ah hain't gonna laborate on that un, but shore nuff Y'all ragchawers move offen net freq. Or jest be content to chaw yore cud an keep quiet.

Ss for No. 3 who in the world can tell iffen a missage is portant or not? Maybe hit ain't to youn's or to the feller whut deelivers hit, but hit shore is to sumbody sendin or gittin hit. Iffen hit only brangs a little twinkle of deelite to sumbody's eye, hit's been time well spent, specially in these days an times. So go on an ummer, (long u, ain't educasion wunnerful) him. He may be yore room mate at Chattahooche when they passes out them golden cigar boxes with the head phone jack on the side an the key on top.

Ah never played Western Union. Is that like Post Office only faster? Boy, if hit is ah'm shore glad ah never played hit. Ah'd a never made hit past mah 12 birth date.

Now about that feller whut gits nauseated when he hears some of the stuff on the bands. That's one of the first signs of ulcers. As ah see hit this feller can do one of three thangs: —

1. Go see his family Doctor.
2. Git rid of that old fixed freq receiver and git one whut tunes em out as well as tunes em in, and ah hear tell some of em even got on and off switches, as well.
3. Ignore those fellers with the parasatic brains (ah'm glad ah'm a nice quiet feller) and don't let em git you nervous as a long tail cat in a room full of rockers.

As far as a good opeyrater lissens moren he transmits, well iffen that was true us blabber mouths wud blow our tops. No this maybe to yore liken b remember this. Our tops is je like Roman candles and thre jest so many shots in us, a when we shoot our last sh that's jest one place left. Y Chattahooche, and remember t more thar is up thar the mo taxes you pays to keep us tha and besides then you wouldn have anythang to git peev about. Then you'd git frustrate take it out on the XYL, she deevorce you then you'd have pay alley money, child suppo and higher taxes too.

So do yoreself a favor an l us goony birds enjoy ourselve You might join in with us th life will be as purty as a speckl pup in the sunshine to you too

73's for now,

Professer Peeve

P. S. Iffen you is wunderin whar ah got mah fine educasio ah teached mahself by a read Lil Abner and Snuffy Smith

---

WESTERN FLORIDA NEW

By Frank M. Butler, Jr., W4RK

Madison: W4PBO, EC, hol drills every 2nd Sunday, 081 3840 kc.

Chipley: EQK is home fro Med. School for summer and a tive on 40m. K4SGY is Gener Class now. LXK works most 20m.

Quincy KN4QDN is new OR He is NCS and active member Novice Hurricane Net (NHN and has WAS 34/30. K4EYC also active, but BGO has move away. W4EKY is active on 40 from Havana.

Crestview: OCG has renew appointments as ORS, OES a OO Class I. He has been doin FB in ARRL FMT. Fort Walto K4UBR has resumed as Net Mg of QFN, vice ATA. Net has mar new members, but some losses school and college. Membe qualifying for Section Net Cert ficates are MLE, K4CNY a K4BSS/4. The Whipsnappers M bile Club sponsored a picnic a transmitter hunt, won by BS UXW has been apointed OE He, NVW and others arou Eglin Field are experimentin with 220 mc. and above.

Gulf Breeze: K4ZMT has 80 ant. down for mod. and repair Pensacola: MS has new 63' tow going up. His DX total is no 177. LJS has moved here fro Jax. K4RMO is working 15 with a Quad. K4SOI is on 10 with a new tower and bea KN4YYE has a DX-40 and m bile rig. SRK and K4UBR a organizing a Weather Amate Reporting Net (WARN) on 37 kc., to cover all coastal areas the Southeast.

FLORIDA SKIP

A Non-Profit Organization

OL. 4 — No. 6 | The All Florida Radio Amateur's Publication | NOVEMBER, 1960

Florida Skip QSO Contest December 10 and 11

All amateurs are invited to rticipate in the Second Annual LORIDA SKIP QSO Contest ich will be held December 10th d 11th, 1960. The winning prize a $25.00 U.S. Savings Series " bond.

Here are the simple rules:

1. Each completed two-way SO between any Florida amaar, any mode per each band ints two points.

2. Each different county workcounts 5 points, per each band.

3. Contest period is from 0600 turday the 10th to 1800 Suny the 11th of December.

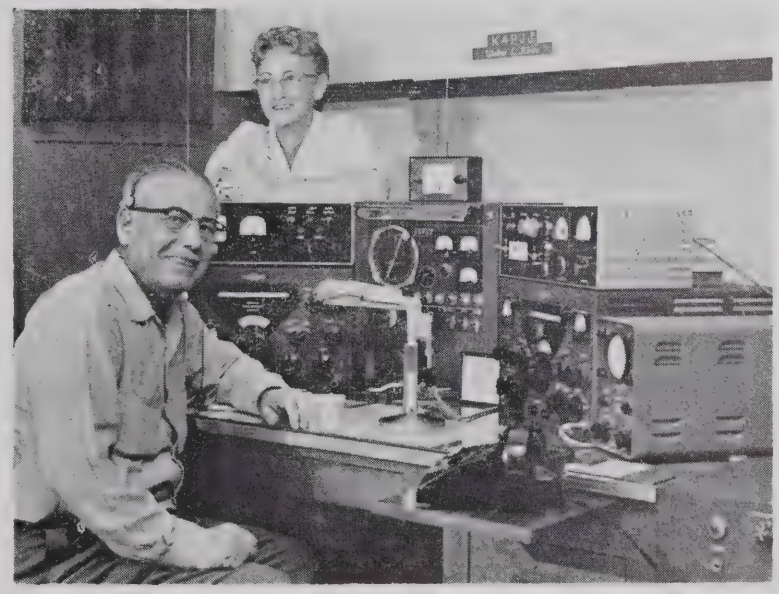
4. All contest logs must be stmarked before December 15th d mailed to Contest Committee, Florida Skip, Box 501, Miami rings 66, Florida.

Each log must contain all FCC quired information plus the nty in which the stations are ated.

6. The contest call will be "CQ ip Contest" on phone and "CQ " on CW.

The winner will receive a $25.00 vings Series "E" Bond. Who e gives away a prize this good any contest?

Please talk up the contest at ar club meetings, in your QS- and on the nets.



Meet Mr. and Mrs. Walter L. Rives, K4PJJ, of Rives Manufacturers, 5400 Rio Grande Ave., Jacksonville. Walt received our FLORIDA SKIP AWARD for outstanding work with the boys at the South Pole in running patches. He manufactured his own self supporting 65 foot-high tower. Beams for 10, 15 and 20 can be lowered in minutes by a stainless steel cable. Walt loves to design and build his own equipment.

RACES

Emergency Communications

For nearly ten years Florida had escaped the ravages of a major hurricane, and then came 'Donna," one of the most destructive hurricanes on record.

Communications requirements during the passage of Donna were tremendous, and taxed to the limit every system available for

(QSY To Back Page)

Dear Mabel,

Dear Mabel,
What's new in Clyde's "Laboratory?"
Moe Beal

Dear Moe,
He says he is drawing up his own schematic for a 1 KW receiver, but since this is his first attempt at home-brew equipment, he's having a little trouble. Can anybody help him?

Dear Mabel,
I am going to be a college freshman this fall. Should I take my rig with me or will I have time for ham radio?
Mike Romike

Dear Mike,
I wouldn't advise it, for your first year at least. It takes awhile to adjust to university life and learn to budget your time, what with telephone-booth cramming, girls, football games, flagpole sitting, more girls, beer busts, panty raids and social affairs. You'll need some time up there to cram for exams.

Dear Mabel,
Where are my clean socks?
Clyde

Oops . . . . go to the next question everybody, please. (Personal to Clyde: You wore them yesterday, honey)

Dear Mabel,
I am from another country and while my English is improving, I still have very much trouble with American names. In my country your husband's name would be pronounced "Cleeda." How do you say it here?
Ex - DX

(QSY To Back Page)

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

FROM THE EDITOR

Last month Betty (W4GGQ) and I drove over to see Hank Hoffman, K4LQS, SKIP publisher in Naples and to pick up your addressograph plates.

Perhaps you may have noticed that your address on the October issue was not very clear — well after seeing the plates it's a wonder it printed at all. Dear Ole Donna brought in 37 inches of salt water through Hanks shop and all the SKIP plates were at the bottom of it.

After a complete survey of the plates it was decided the frames and insert cards were a complete loss due to rust and mud. The metal insert address plate was salvaged, washed down and put in new frames and new insert cards run off. After 28 hours of hard and dirty man and woman hours the job was done. Each frame had to be bent before the metal plate could be salvaged. Our hands (W4JO and IYT's) were raw when we finished. By the way, the bent frames more than filled a large type household 30 gallon garbage can. SKIP also lost several "ad cuts" and dozens of photographs. Hank's print shop lost tons of paper and supplies due to water damage. All his motors and equipment had to be taken apart, cleaned and put together again. You may not realize it, but we were lucky to get a SKIP in October.

We just thought you would like to know that it's not all "cake and ice cream" to be a SKIP staff member. 73 AC

LETTER TO THE EDITOR

Editor, FLORIDA SKIP:

We wish to thank you for the subscriptions to Florida Skip that were donated, as prizes at our VHF picnic. They were won by Mim Cook, W4IUR, Daytona Beach; Nancy Lynch, Oklawha; D. Smith, W4JPU, Altamont Springs; Mae Tevares, W4EPG; Astor and Carl Spagnole, K4IFI of Hollywood.

Our picnic was held on September 25th, two wees later than planned because of Donna.

Yours truly,
William Rudd, Sec. LARS

FROM THE SEC

This is an official request for all ARRL Emergency Coordinators or Assistant EC to submit a informal report on the cooperation received from local City Officials, Civil Defense or Red Cross. Any other comments in regard to your local AREC nets will also be welcome.

Thank you. 73 — W4IYT

LETTER FROM MOROCCO

Thanks for the subscription to Florida Skip. I receive my copy every month and it sure is good to read about the people back home. Thanks also for write up about Agadir Disaster and that the Florida Skip Awards are on the way. I told my commanding officer and he is fixing up a small ceremony to go with the presentation. I have 100 percent backing from his on all amateur operations.

I have formed a small net over here on 7096 kc on Sunday at 1200 GMT, I now have 7 people checking in with hopes that we will soon have more. I want to run this net like the Florida Nets and I can use all the cards, forms and literature like you sent me while EC in Key West. Am EC here now.

According to the June issue of Skip I note the following: Miami Springs Radio Club net Tuesday except 1-3, 29000 1930; Satellite Net (Melbourne) Sunday, 29500, 0900; Flamingo Net (Miami) Friday 290444, 1930. I would like to tie in with one of these nets since I've been working into Florida and all over the East Coast lately. Could you please pass along the word to look for K4SDC/CN8. There are 5 hours difference between us and I will meet any schedule. We call ourselves "Port Lyautey - Kenitra Net."

I still would like to hook up with anybody around Key West. Give them my kindest regards to all.

H. L. Hall K4SDC/CN8
Box 6, Navy 214 c/o FPO,
N.Y.C., N.Y.

CORRECTION

On the front page of last month's Skip was a picture of W4SDR. He was listed as the Eastern Florida Route Manager. Clyde is the new Phone Activities Manager for Eastern Florida as appointed by SCM John F. Porter, W4KGJ.

John advises there are still ARRL appointments open for ORS, OBS and OPS. For more information on any ARRL appointments drop a line to your SCM, W4RKH and W4KGJ listed on page two.

Andy Clark. W4IYT, Editor
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DX, W4LVV, Chuck Bolvin, 2 SW 27th Lane, Miami 33.

Net, (FPTN) K4LCF, Herb Zeig Box 12, New Smyrna Beach.

NOVICE-FORUM. W4UHF, H. I Scott, 3607 Omar Ave., Tampa

VHF in Florida. Allen A. Englem W4RWU 2442 Pine Estates Road Jacksonville 8, Fla.

Net, (FMTN) W4GJI, Tip Cur ran, Box 48, Palm Beach.

Net, FAST and Sidebanders of Fl ida, Bert Witham W4CNZ Quart R-6, USN Station, Key West.

Net, Dade DEN-6, Walter Stock W4IIS, 7400 NE 6th Ct. A 6, Miami 38.

VP7 Land, VP7BH, Bill Morris, NAA c/o PAA Eleuthera AAF Patrick AFB, Fla.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 Columbia St., Orlando.

Club, W4LJM, David Nelson, Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Fer 1364 N.W. 23rd Ct., Miami 35.

Club, K4BY James D. Felsenheld 3404 27th St. West, Bradenton.

Club, W4BAV, Catherine Seeds 829 — 21st Ave. No., St. Peters burg.

Club, K4GPJ, Red Clotfelter, 600 60th St. Hialeah.

Club, Fort Myers, Ken Stewa W4SMK, Box 1745, Ft. Myers, F

Club, Lake Co., Irene Conklin, K4L RR 2, Box 466, Bassville Park, Le burg, Fla.

Club, K4RXD, Betty Darsch, 2 Ave. P, N.W., Winter Haven

Club & Net. Suncoast VHF. Cl London K4EUJ, 4829 Caesar W So., St. Petersburg.

Club, South Miami, Joe Caplano K4VFW, 10260 SW 34th St., Mian

Club, DBARA, K4RNS, Marg Can bell, 24 Palmetto Dr., Ormond Bea

Club, Broward, K4PPX, Fran ams, 1000 SW 31st St., Ft. Laud dale.

Club, W4IET. Bob Street, 116 I quois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolar 216 Doris Dr., Lakeland.

FLORIDORA NETS, K4PPX, Fr Adams, 1000 SW 31st St., Ft. La erdale.

Hint & Kinks, K4UGC, R. V. Fr erick, 460 NW 108th Terr., Miami

Net, Hillsboro AREC 6M. N K4LLG, Joe Mills Jr., 3622 S. Rub Ave. Tampa.

SCM E. Fla. ARRL, John F Porter, W4KGJ, Box 7295, Lud lam Branch, Miami 55.

SCM — WEST FLORIDA. FRA M. BUTLER JR., W4RKH, Elliott Rd., Ft. Walton Beach, F

FLORIDA SKIP NOMINATI COMMITTEE: Fran Foley W4B 14698 — 63rd Way, No. Clearwa Herb Hamilton, K4KDN, 1524 Lake Howard Dr., Winter Hav

FLORIDA SKIP CLUB

ROSTER

After several months of re-
arch and previous requests in
IP for club information, we
e happy to publish the follow-
ing roster. We truly hope there are no errors. If so, please advise the Editor. We suggest you clip out this page and save it for future use.

UB	NIGHT	MISCELLANEOUS INFORMATION
adenton (4BDT)	Every other Thurs.	2000 Broward Nat'l Bank Bldg.
arwater	2nd-4 Tues	2000 Flight Components Factory
coa	1-3 Sun.	1500—C. D. Center
de (Miami) (4NVU)	1-3 Wed.	C. G. Aux. Bldg, Dinner Key
ytona Beach (4BV)	3rd Mon.	2000 Box 88, Sunshine Rm FP&L Bldg.
lin ARS (4SRX)•	Alt. Tues.	1900 CST Bldg T-52 Eglin AFB
erglades ARC		116 N. Krome Ave, Homestead
Lauderdale (4AB) (Broward)	2nd Wed.	2000 Broward Nat'l Bank, 4th floor
Myers (4MWI)	3rd Mon.	1930 Yacht Club Bldg.
Pierce	Sundays	1430 Red Cross Chapter
nesville	1st Tues.	1930 Various members QTH
ian River	1-3 Mon.	1930 C. D. Hq. Merritt Isl.
leah (W4MRC)	1-3 Tues.	2000 48th and Palm Ave.
llywood	3rd Fri.	2000 Fed. Savings Tyler St.
ksonville (4DU)	1st Wed.	2000 Peard Electronics
y West (W4LLO)	2-4 Mon.	1930—Club House
ke (Leesburg) W4YKY)	Fri.	2000—Club House
keland (W4BOW)	4 Tues.	RC Hq., 321 Trammel Dr.
ke Wales	Last Fri.	2000
mi Springs (4OSQ)	1-3 Tues.	1930, 385 Payne Dr.
sile (Melbourne)	4 Tues.	1930, MARS Station AFB
oles (4YHB)	Every other Fri.	1930—Club House (?)
.S. Pensacola (4NBF)	2-4 Tues.	1930—150 Vanderbilt Rd.
N, Panama City (4NDD)	B-Monthly	1900 2210 Club House MDL
w Smyrna Beach		Box 1418
ando (W4PLB)	2nd Tues.	2000 Red Cross Bldg.
ama City	Alt. Mon.	1900 CST
sacola (K4SLI	1-3 Fri.	1900 CST, Mun. Airport
sacola, VHF	2-4 Fri.	1930 CST, USO Club
sacola, NAS (4NBF)	2-4 Thurs.	1930 CST, Bldg. 1586
liation ARC elbourne)	Mon.	1930 EST, Radiation Auditorium
ifley Field ARC	1-3 Mon.	1930 CST, Hanger 809
asota	2 Thurs.	2000 EST
Petersburg (4GAC)	1-3 Fri.	2000 EST 1331 Beach Dr. So.
rry ARS	1 Mon.	2000 EST Electronic Tube Div.
Joe	2nd Mon.	2000 EST 1214 Long Sve.
th Miami (K4JVA)	1-3 Fri.	2000 EST CD Hq. 87th SW 56th.
lahassee	1 Thurs. 3 Tues.	1930 EST, Lafayette Park
lor County HI RC (4DEG)	Fri.	1500 EST, at High School
npa W4DUG)	1-3 Mon.	2000 EST, Davis Island
Flt. Sonar	1-3 Mon.	1630 EST, Club rm. Key West
y West (W4NDJ)		
st Palm Beach (4HAW)	1-3 Wed.	2000 EST, 810 Datura
ter Haven	2-4 Mon.	1930 EST Rotary Pk Field house
cky Wingdingers (.x)	2 Mon.	1930 EST, for QTH call W4HLE

AMATEUR PUBLICATIONS

The staff of Florida Skip is happy to report we "exchange" with many other interesting amateur publications in the United States and Canada. We would like to recommend the following for your inspection and enjoyment.

1. Autocall, editor and publisher Ralph "Andy" Anderson W3NL, 2509 - 32nd St., S. E., Washington 20, D. C. Offset, 34 pages, loaded with club news, pictures and many other interesting items. Autocall is the official publication of the Foundation of Amateur Radio Inc., Washington, D. C. $1.00 a year.

2. The Monitor. (Printed) Devoted to amateurs of W5 land, but branching out rapidly. Editor and publisher, Joe Martin W5RYP, 507 W. Davis St., Dallas, Texas. $1.00 a year. Joe prints many sharp pictures and takes commercial advertising. A lot of good reading for only a buck a year!

3. For the DX man. "DX" editor and publisher Don Chesser, K4KVX, RFD. 1, Burlington, Kentucky. Mailed about 40 times a year. For the DX man the hottest DX news available. Rates: USA 3rd Class mail $5.00. 1st Class $6.00 and Air Mail $7.50. Don lost complete printing and ham shack and repair shop during a fire. He is now back in business. (GL Don AC)

4. For the traffic man. PANN Pacific Area Net News) Editor and publisher, Vic Gish W7FIX, 511 East 71st St., Seattle 15, Washington. Designed for the traffic man (or woman) only! Vic puts out an excellent OPMAN which covers the traffic game completely. 11 issues $2.00.

5. For the SSB'er. The Sidebander. Excellent pictures of SSB Amateur Radio Assn. Stations. (Florida has chapter). Membership is open to any SSB amateur in the world at $3.00 a year. Editors: Mr. and Mrs. Irv Strauber, K2MGE and K2HEA, 12 Elm St., Lynbrook, N. Y. The Sidebander is full of SSB info, DX tips, editorials and diagrams.

6. For the RTTY man. "RTTY" editor, Merrill Swain W6AEE, 372 West Warren Way, Arcadia, Calif. It's in offset with pictures, diagrams and general info for the RTTY bug. Many top RTTY amateur and commercial men subscribe to RTTY at $2.00 a year.

7. For the VHF man. "The VHF Amateur." Editor, Bob Brown K2ZSQ, 67 Russell Ave., Rahway, N. J. Bob has brought the VHF Amateur from a few sheets to a nice sized magazine. It's full of the latest VHF info, pictures, ideas and diagrams. $1.00 for 6 issues. (Nice clean offset).

These are just a few that arrive here at Florida SKIP. There are many other fine amateur publications, too many to mention at this time. They all have a definite purpose and are needed to fill the gap of our vast and growing hobby.

The staff of the Florida SKIP would like to congratulate all editors and publishers of all amateur publications for doing a job needed by the amateur. Good luck!

FLORIDA SKIP AWARD

For the past two years Florida Skip has been issuing a meritorius award to amateurs in Florida and elsewhere for outstanding contributions to the art of radio and to the public in general.

To date SKIP has issued 151 awards. The award is a beautiful job and would look nice in any ham shack.

You will find the nominating committee listed on page two. You are invited to submit your nominee to them for the award. Please list his full name, call, mailing address and brief description of why is being nominated.

Here are a few amateurs who have received the award by number We will publish more next month.

1 W4FPC	11. K4JER
2. W4RUR	12. K4ISA
3. W4TDK	13. W4PED
4. W4DVR	14. K4GPI
5. W4TAS	15. W4FFH
6. K4BNE	16. W4ZJ
7. W4TY	17. W4BIH
8. K4KRJ	18. W4YJE
9. W4AZK	19. W4DFU
10. W4SGY	20. K4LCF

HOW ABOUT THIS ?

The other morning I was on the air and this incident actually took place. Had me wondering if I had good sense or not for awhile. . .

W4BVE called K4LCS (0640).
K4LCF called W4BVG (0641).
W4BVE answered thinking I was K4LCS and I answered thinking I was talking to W4-BVG.

To top everything else, my handle is Herb and his is Herb.

Both stations (BVE and LCF) running Globe Champs.

Both stations (BVE and LCF) using doublet antennas, of identical length - 132'.

Rather quaint, don't you agee?

73, K4LCF

FPTN CHATTER

FPTN meets daily at 0700 on 3945 kcs Monday through Saturday. Newcomers are invited to join the net. This has been one of the best months traffic wise that we have ever had. We had a total of 528 pieces of formal traffic, 26 sessions, for a daily average of 26.3. Of course, this is fine but we had to have it happen under trying circumstances, namely DONNA. The net functioned very nicely and as your net manager, I can really be proud of FPTN.

We have had the pleasure of having Art, W4FE check in several times this month.

Among other stations, W4MLE, Tall; W4FJE St. Augustine; W4-BWR Melbourne; K4KDN Winter Haven; W4DSH Nakomis; K4-MYR Savannah, Ga; K4ANJ Ocala; W4FTE, W4ATT, W4TKE Gainesville; W4JTA, K4UVA Sarasota and W4AHZ Ft. Lauderdale.

Jim K4BOO is off the air temporarily due to lack of equipment. Jim is doing some horse trading, I think. Earl W4AYD was off for a day, vacation time, you know. W4FJE did a nice job of traffic handling during the Day of Spain Celebration in St. Augustine this month.

You may have wondered why there has been a change in the roll call lately, that is, as far as proper call order is concerned. Well, with the younger ops going back to school and having to leave before seven fifteen, also a couple of the boys are school teachers . . . that's the reason gang.

To those of you who participated in any net during DONNA, my hat's off to you . . . I am sure a fine job was done by all.

Ever wonder what the bird on the other end was running for a transmitter? Here are a few:

W4CNC, Key West, Viking II.
W4BKC, Orlando, Viking II.
W4JRJ, Clearwater, Viking II.
K4BHL, Ocala, Modified Adventurer.
W4HRC, Jax, Supreme 100.
K4BOO, Ocala, Gonset Twins.
W4TRS, Sarasota, EICO.
K4MTP, New Port Ritchie, Valient.
K4SJH, Pompano Beach, DX-100.
W4DTS, Lake Alton, Viking Mobile.
K4CMK,, Ocala, DB 100B.
W4DDW, Kissimee, H o m e Brew, 300 watts.
W4DWG, Brooksville, BC 669, 120 watts input.
K4EJW, Silver Springs, B & W 5100.
K4ILB, Bradenton, Harvey Wells, T-90-61.
W4KUM, Avon Park, Globe Chief.
K4LCF, New Smyrna Beach, Globe Champ 300.
W4NGR, Lake Mary, DX-100.
K4OMM, Melbourne, Apache.
W8LDU/4, Tampa, BC 610.
W4FJE, St. Augustine, Cheyenne (MT-1).
W4ZPO, Miami, Viking 500.
K4UGE, Naples, Apache.
W4SGY, Lakeland, B & W 5100.
W4OLV, Miami, 3 813's in parallel, 900 watts.

sput, sput, blew a fuse, 73
Herb, K4LCF

SILENT CARRIER

We deeply regret the passing of another Florida amateur — Roy, K4QXD of Leesburg. Roy has been a very active member in the Florida Phone Traffic Net and the Midday Traffic Net. Always ready to help, Roy will be sadly missed on the airways.

ATTENTION HAMS

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F. M. T. N.

Tip Curran, W4GJI

Hi old chaps! Hasn't this been a whale of a month? Everybody is on tenterhooks each day waiting to learn who the next guy is going to be that will call CQ and bust up the frequency. All summer we had weather conditions and propogation to contend with and now that we can at last to some extent hear each other everybody wants to get in the act. I'll just bet that this is a plot perpetrated by our 'Old Crab.'

Welcome to a lot of new faces. Experience tells us that it is best not to mention them by calls 'cause if we do, sure enough they'll make a liar out of us and not show up again, ever.

Ham is doing a great job as NCS although it looks as though he had better get a surplus tarpaulin to cover his antenna so that he can maintain resonance when a passing gull spits at it.

As you all now know Margaret has gone sideband and the aptness of each net control as he comes to her call on the roll is measured in how good he is at the old game of Alphonse and Gaston. Someday we are going to try tuning in on her fine signal with a grid dip meter beating against the antenna turner.

Jim has really got the stuff nowadays and you can copy him up with the best which is a great pleasure to all, especially Herb who's been acting liason for that echelon for some time — however, if you want to copy Jim at his best just listen for the BY call when he gets on his real sending set. He has a right pretty fist — What's that? You can't copy code — Oh! Well! you can catch the rhythm anyway.

Another Jim from Ormand Beach has got hisself a line of radio gear we think is going places in the solid short range field for emergency work. It works on 6, 12 and 117 volts and he'll tell you about it if you ask. Electron fusion of the air or something.

Donna shed some light on the state of communications in Florida with no uncertainity. Many of the nets are revamping and perhaps it was found that it doesn't take three nets to cover the weather at the expense of proper dispersal of traffic. In any case, it must be remembered many years have passed since we Florida hams have been put to such a test and it is obvious that the ham can always come through. However, some deliberate cohesion of effort and a little more latitude in the use of fre quencies is an apparent need.

As an adjunct to the net might be wise to have more con tact at our various locations wit both 6 and2 meter groups. Thank to Heath this is an easy matte accomplished in a minimum c time at low cost. We refer t the HW 29 and HW 30. We hav built up both of these units an they are hot as a pistol, readil adaptable to fixed or mobile us and will work well into cheap ar tennas which are light and read ily portable. You'd get a big kic out of getting a 9 report on from a station in Miami fro Ft. Myers or Palm Beach an the 6 meter job will cover an county.

Having got interested we jus finished building a Seneca an brother that is the Valiant of th ultra highs. The linkage is a bi on the rough side but once i gets snagged out and running th switch for 6 to 2 is a dilly an the kit is really a fiefofum fire ball. Of course that's really get ting into business, but if you tr the 'lunch boxes' first you' likely get the urge and it make for great supplemental communi cation. If you don't believe me ask Ace Hume.

September averages QNI 27. QTC 33.2: May your tubes ru cool!

NEW FREQUENCIES FOR FEPN

Effective October 12, 1960 t following frequency plan we into effect. During all Flori Emergency Phone Net dri (Tuesday, 1830) the frequen 3910 kc (night) and 7295 (day) will be used.

During a hurricane or ar other emergency the above fr quencies will be reserved f stations ONLY within a 100 150 mile radius of a disaster rea for top priority traffic wit in its area. In addition, t frequencies 3900 kc (night) an or 7285 kc (day) will be used f all other stations with welfar weather reports and such typ of traffic.

The SSB section of FEPN wi operate on 3940 kc (night).

The WARN (Weather Am teur Radio Network) will operat on 3795 kc (night) and/or 719 kc day. Each section of the n should provide its own liaso kc (night) and/or 7285 kc (day station. The FEPN manage K4OII is in charge of all affai of the FEPN. Barry's QTH i 3506 Sloan Rd., Ft. Pierce. (Clip out and save this).

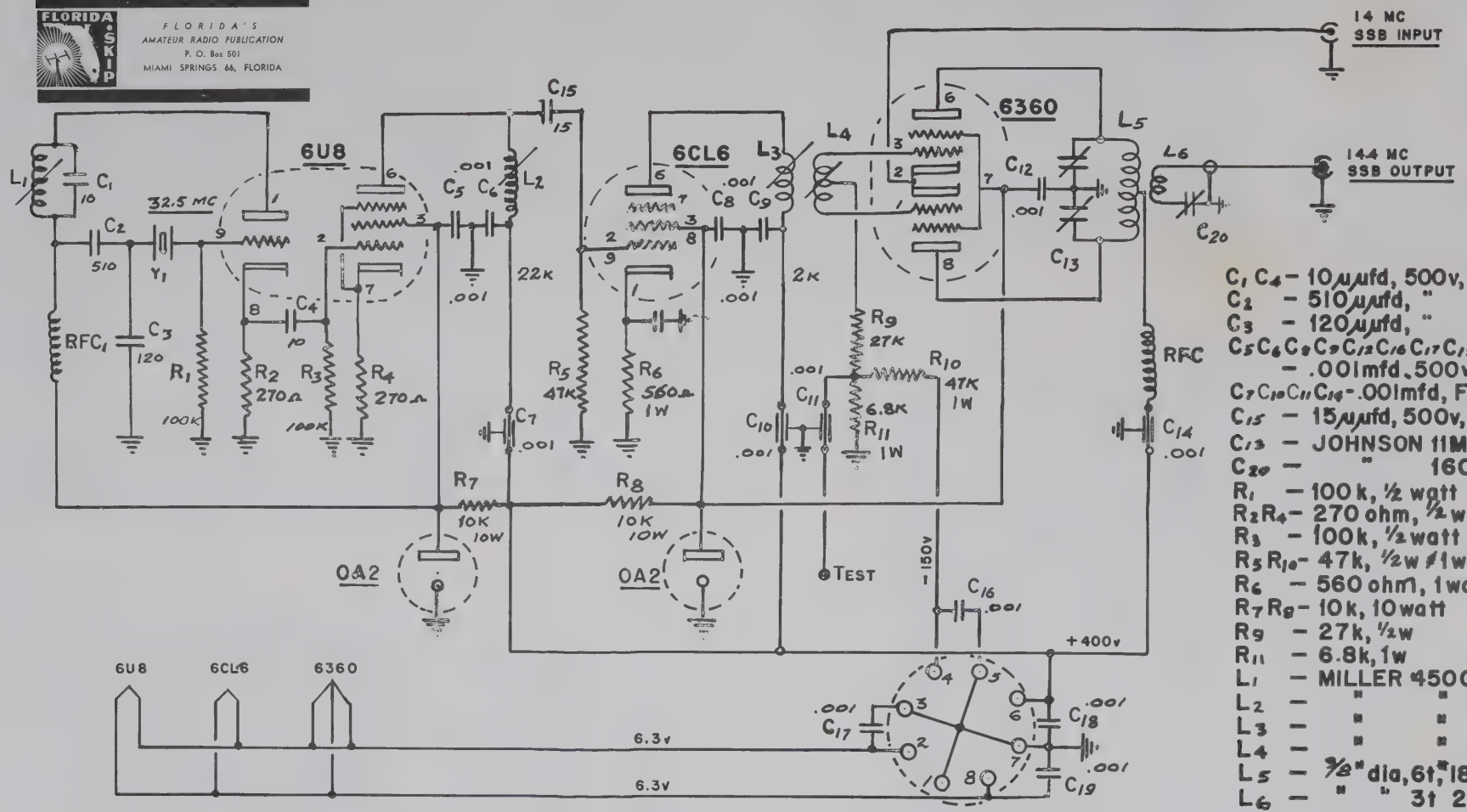
This happy group is called the Miami Springs Radio Club (K4OSQ) Lovers of FD, picnics and lost xmtr hunts. Front L to R: W4ZXL, K4JXA, K4YLG, W4LZL and K4JWM. Back L to R: K4YSV (Secty) W4ZXL, K4KRB, W4YHW, K4GGX (pres.), W4LZL, W4IET and W4IYT. "CQ FD anyone?"

SKIP Staff last winter after meeting in Naples: K4LQS, Publisher; W4GGQ, Business Manager; and W4JO, Advertising Manager. Editor took picture.

Bob Watson, W4DTV, at 2 meter controls of K4TFS, Dade County Civil Defense station.

Say hello to Butch Fair, Jr., W4SZC, his Mom and sister of 327 Pineda Ave., Cocoa. Butch, confined to a wheelchair, is a good traffic man and guiding light for CD in Brevard County.

FLORIDA SKIP
FLORIDA'S
AMATEUR RADIO PUBLICATION
P. O. Box 501
MIAMI SPRINGS 66, FLORIDA



C_1 C_4 – 10 μμfd, 500v, silver mica
C_2 – 510 μμfd, " " "
C_3 – 120 μμfd, " " "
C_5 C_6 C_8 C_9 C_{12} C_{16} C_{17} C_{18} C_{19} C_{21} – .001 mfd, 500v, cerdmic disc
C_7 C_{10} C_{11} C_{14} – .001 mfd, Feed-thru
C_{15} – 15 μμfd, 500v, silver mica
C_{13} – JOHNSON 11MB11
C_{20} – " 160-110
R_1 – 100 k, ½ watt
R_2 R_4 – 270 ohm, ½ watt
R_3 – 100 k, ½ watt
R_5 R_{10} – 47 k, ½ w & 1 watt
R_6 – 560 ohm, 1 watt
R_7 R_8 – 10 k, 10 watt
R_9 – 27 k, ½ w
R_{11} – 6.8 k, 1 w
L_1 – MILLER 4500, 17t, #26
L_2 – " " 13t, #26
L_3 – " " 4t, #20
L_4 – " " 6t, #26
L_5 – ⅜" dia, 6t, #18 bare
L_6 – " " 3t 20 "

VICTOR Z-2 SSB Converter by W4LIP

W4JO - 9-25-60

WHAT'S NEW

New concepts and new trends e always of great interest to e ham fraternity. Something special interest is 220, 144 and MC Single Side Band. This not a passing fancy among her the UHF boys or the SSB ng. Analyzing the results obined in the Florida area by me of our brave pioneers causes all wonder at the increasing terest in this new form of opagation.

Yes, we do mean propagation. ecent discoveries reveal that HF and UHF signals arriving long thermal inversion paths d even some "local" scatter ths have a very high rate of riable refraction which is freqncy conscious, causing audio rble beyond recognition. This thought to be in effect "freqncy fold-over," very similar in opagation circles as doppler fect but should not be confused such, however.

For many years, CW has been cepted as the most reliable de for identification of UHF d VHF dx-signals. Pulse sequence is used for best Heavyside Layer soundings. Now we find SSB playing a new role, not merely more punch per watt, but greater intelligibility due to inherint narrow band width; apparently the more narrow, the better, provided the voice range is not clipped too severely.

We have asked one of our pioneers in UHF SSB, W4LIP, to give us a short story on his 144 MC rig. To do a complete story at this time would probably require a complete issue of Florida Skip, so we decided to take the most important part, his "Z-2 Converter." This is a home built transmitter converter, operating on 32.5 mc, multiplied to 130 mc (4 x Crystal Frequency), mixing with any existing 14 mc SSB VFO signal to obtain output on 144 mc. Vic says these units are not available commercially but can be built very easily by most hams. His unit is a thing of beauty and simplicity. Calibration accuracy within 1kc of the SSB VFO calibration.

Quoting from Vic's notes — The oscillator is very stable using a 32.5 mc crystal. Cathode output of this oscillator is coupled to the pentode grid of the class A operated 6U8 to improve stability, and adequately drive the 6CL6 to operate as a quadrupler to 130 mc. The 6360 push-pull mixer operating on a resultant frequency of 144-148 mc has a drive requirement of only .45 watts. This is easily obtained by inductively coupling the plate coil of the 6CL6 stage to the grid coil of the 6360 mixer. The Miller coil form bases just touch each other at the base for proper coupling. Both coils are tuned to 130 mc, or the fourth harmonic of the crystal oscillator.

The 14 mc VFO injection must be good quality SSB, whether crystal, mechanical filter, or phasing type, and must not exceed the .45 watt output of the 6U8-6CL6 harmonic generator.

This converter has a measured output of 3 watts. This is enough to drive any final push-pull 4X150, 4X250B or 7034 to half a kilowatt. This proved adequate at W4WAQ to drive a Johnson Thunderbolt to a full 500 watts on "two."

The mixer operates smoothly, putting out a clean stable signal. Operating directly into an antenna barefooted will compare with most AM transmitters having at least four times the power output. Forgetting SSB for the moment, this is an easy method of getting in two with the "old 20 meter exciter."

The Z-2 Converter is built on a BUD CU-2109-A chassis, which is only 8" X 6" X 3½". Mount the tubes in a straight line on two inch centers. Wire and twist the fillament leads first and run them directly to the power plug in the rear. By-pass carefully at the tube sockets and power plug as shown in the schematic.

For users of the P and H converter on six, you will find this unit has the same plug arrangement and power requirements. Our sincere thanks to W4LIP for this opportunity to bring you the details of this FB unit, and we hope soon to hear more about his 22 element yagi on a 48 foot boom!

All comments, questions and 5 dollar bills should be sent directly to W4LIP not to the Editor of Florida Skip.

FLORIDORA YL NEWS

BY FRAN ADAMS K4PPX

The Daytona Beach Radio Assn. t on one of the best "gabfest" in Ormond Beach Sept. 4th. s old home week for the Floras. There were 13 Floridoras: 4's ANR, BAL, PPX, RCX, ED, RNS, UIZ, VOT. W4's VR, GGQ, HRC, IUR, WPD. e also met and signed up 2 new mbers: K4JZX — Joan and N4YXX — Marion. Speaking myself and I'm sure for the er Floridoras the DBARA deves a big hand for all of their orts.

K4ANR — and W4FE — Art e happy their job of compling Directory is over. They both an excellent job; it was a lot hard work. K4ACF — Nancy eived her SHOM certificate.

K4BAL — Fran was at the ofest with her family. Was a confusing with two Fran's re. Yours truly had a land e call with Kathy W4BAV. 4BIL — Fran is in her new me. Her OM Bill was sick with the flu.

W4BWR — Ruth looked like she enjoyed herself at the gabfest. W4GGQ — Betty certainlly looked like she was having a ball; mostly being "kind" to Art W4-FE. We all enjoyed the pictures of the kids.

W4HRC — Little Bo had her golden opportunity to check into Monday net day after gabfest but found the band was closed and could only talk with 2 other stations. Little Bo did an excellent job on the History of the Floridoras. K4HSC — Meg is back home and isn't feeling too good these days. Hope it isn't serious, Meg.

W4LPR — Adel moved into her new home and she also received her SHOM certificate. W4MUY — Dot met W4WYR — Ev and her OM in a grocery store while Ev was visiting Ft. Myers. K4-OYB — Vivian is a busy gal with school opened again for she drives a school bus. Vivian is adding a big beautiful screened room to her trailer.

K4PPX — Fran received her No. 2 Freeloaders; Pittsburg 6; Colonial American Award; and her South Africa K.K.K. Fran and Archie were certainly glad to have our new Directory completed for the gals at the gabfest.

K4RCX — Jeri met all the Floridoras for the first time and was really pleased to meet K4-JZX — Joan — they were novices together. Jeri is proud of her 132 Floridora certificate. K4-RED — Lucy is looking like her old self again. If she sounds like she is SSB now it's only her new mike she won. Sorry to hear about the loss of Jim's grandmother.

K4RNS — Marge was really thrilled to work W2ZXM Capt. Kurt Carlson of the Flying Enterprise fame. She had ½ hr. QSO Marge did an excellent job in helping the Floridoras have a good time. Boy the certificates that gal has. Was real nice talking to Naomi W4TDK while visiting St. Pete.

W4UF — Dot sent a letter to W4BWR and reports she is in Yocahama. K4UIZ — Ev was at Ormond Beach with info about the coming Orlando Harfest April 8-9, 1961. Nice seeing KN-4VOT — Abby lovely home she has. W4WPD — Shirley did an excellent job stenciling all of the Directory and put in a lot of hard work.

W4GAL — Dot is in Hawaii. Aloho. K4JZX — Joan our new Floridora checked into the net. We have 2 new novices KN4YAS — Jean and KN4YXX — Marion both are hoping to check into our novice net. K4YDB — Betty finally received her RCC at long last.

W4IUR — Mim had an emergency generator going when "Donna" visited not for her rig but for her beautiful refrigerator to keep the neighbors food from spoiling. Real nice of you, Mim. She also helped making the Floridoras have a ball at the gabfest.

People do appreciate "Hams." K4PPX received a beautiful boquet of flowers from a local florist after calling in a welfare message regarding their son and family in Key West.

TROPICAL HAMBOREE

MIAMI

JANUARY 14 - 15, 1961

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HAM RADIO INFORMS THE WORLD

Most of the world new about e progress of hurricane Donna rough Florida's "Hurricane lt", It learned from ham radio.

While most land-line and other annels of communications were t off, newsmen in Tallahassee nitored the Florida Emergency one Net for information.

W4MLE phone patched much ormation direct to the Associ- d Press Bureau in Tallahassee, ere it went on the state wire l was promptly picked up by ami and put on the national cuits.

The AP was listening on a one patch when Fort Myers orted the collapse of the FAA ilding.

A CBS newsman assigned to er the storm made almost rly reports on the radio net- rk based largely on informa- n from the phone net.

The Weather Bureau's official ourly bulletin on Donna quot- "A ham radio operator in w Smyrna Beach" giving wind ocities, etc.

A CBS radio story early in the rm said; "Communication be- een Fort Myers and the out- e world depends on two radio amateurs operating on emergency power.

A report on CBS radio's "The World Tonight" said "Amateur radio has played a key role in coping with the storm's attack. Ham operators who normally use short wave radio to swap gossip with "neighbors" across the state or half way around the world, worked 24, even 36 hours without rest. Often they provided the only means of communications with stricken communities.

For hours, two hams had the only link to the out side from stricken Fort Myers. Naples was cut off even longer and contact with Marathon in the Keys, died when antennas went down in a salty tide."

A later national radio story said: "In Naples, a ham radio operator had to go off the air when trees fell on the car which housed his station. Communications with the battered Middle Keys and the lower West Coast are still very sketchy."

And another report said "Hurricane Donna is throwing her Sunday punch at Florida. In the words of a ham radio operator the City of Fort Myers on the Florida west coast is 'just crumpled' by Donna's 130-mile an hour winds. For hours, ham radio operators provided the only communication with the outside world

"Civil Defense officials in Fort Myers report by ham radio however, that in general, we are prepared for the other side of the storm."

Still another report given nationwide distribution said: "In Naples, communications still hang mainly on the thread of a weak mobile ham station. At one point, the operator was forced to abandon his post because a tree fell on the car in which he was operating."

It appears that seldom or never before in the history of ham radio have radio amateurs played so big a part in such a huge and widespread disaster - - or received so much national credit with the public at large for their efforts.

W4MLE, Tallahassee

PHONEY PHONETICS

We are still receiving a lot of good Phoney Phonetics. Here are some more. Do you have any, or know of any? Send 'em along for kicks. SKIP, Box 501, Miami Springs 66, Fla.

K4VGN—Variable Grid Noise.
K8SZL—Stuck Zipper Loosener
K4QDN—Queer Door Nob
WA2LPD—Little Puppy Dog
W4PJU—Poor Josephine's Unmentionables.

HILLSBOROUGH AMATEUR RADIO SOCIETY, INC.

Ray Murphy, W4BNE

An intensified effort to assist and amplify the present Public and Emergency Communications Service in Hillsborough County area is being made by the newly organized society to be known as "HARS", Hillsborough Amateur Radio Society, Inc.

The objects of the society are:

1. Dedication to the public service and cooperation with any and all recognized local and governmental agencies and amateur radio organizations in time of emergency where our communications are required.

2. To promote a spirit of friendliness and cooperation among amateur operators, beginners and other amateur radio clubs. Also to promote interest in amateur radio.

3. The Society will be used as a medium for the exchange of ideas, procedures, practices and for the advancement and enjoyment of the art.

The Society will also work in cooperation with RACES, AREC, Red Cross and Civil Defense organizations in the Hillsborough County area.

The present temporary officers are: Pres., Ray Murphy, W4BNE; Vice President, Wally Cashwell, W4EFK; Al Strong, W4JWQ; and Roy Reel, K4IAL. New officers will be announced in next month's issue.

We wish to thank Jim Apsey, K4YOQ, ARRL EC and Paul Young, W4NQX for their efforts and time spent in organizing the Society. Jim Apsey, K4YOQ is also our Radio Officer for CD in the area.

FROM THE PRESS

NEW YORK (AP) There's plenty on view on stage at the Playhouse, where the hit "The Miracle Worker," is running — and there's some offbeat activity out of view, under the stage.

That's where Charlie Bellin, the company electrician, operates his amateur radio station. The ham operator, using the call letters WA2CAQ, has talked to hams all over the nation.

When Bellin mentions he is operating from beneath the Broadway stage, there's usually a lot of lively conversation about the show.

Now, some of the other hams open conversations by asking, "How's business?" (from Miami Daily News)

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	6N2 Converter	VFO—62	

VHF IN FLORIDA

Allen A. Engleman, W4RMU

Top VHF Florida news this time is the big 144 mc tropo opening that took place September 26th and early morning of September 27th. The day before this opening into Florida, Sunday, the band was open at least down to S.C. with W4AIB putting S9 signals all the way up to W1 land. Your correspondent was called via land line from W1 land, but I was attending the Florida VHF picnic. This might have been an all time record tropo for northern Florida had there been anyone on 144 mc.

The opening that did reach northern Florida started at about 2230 EST. Stations in Virginia started coming through a bit earlier. At 2253 W4RMU worked K4EUS in Richmond, Va., who was coming through 449X. After that the following stations were worked with the opening peaking around 0028 EST with W1-AZK coming through 549X. W2-AMJ, W2QHZ, W2AZL, W4L-TU, W1AZK, W2SJX. Peak signals from these stations reached S6 - S7. There was much QSB with the band fading out for periods of 10 to 15 minutes. Only the better equipped stations were getting through. The band was about gone by 0150 when W1R-JA contacted me via land line. We each made short transmissions and checked results via the land line. Signals were barely audible for brief periods, but conditions were not reciprocal as W1RJA would be coming through when I was and vice versa. Result, no QSO.

W4LIP, Miami, is now on 220 mc with SSB, 6360 linear. He plans full 1000 w PEP soon. Antenna is also up for improvement. W4LIP and K4IFI, Hollywood claim the first two-way SSB on 144 mc and 220 mc in Florida. Any takers?

Hurricane Donna took down many Florida VHF beams. The band was very quiet for several weeks following. K4IXC, Melbourne, lost his 28 foot long john which damaged his roof on the way down. However, in true ham spirit, he has bounced back with a bigger and better antenna. This time he has a 40 fot long john up 53 feet, which is doing a very excellent job. His 120 watts puts a many DB over S9 signal into Jacksonville.

Sunday, September 25th, marked another Florida VHF picnic at Alexander Springs State Park. This picnic was postponed for two weeks because of hurricane Donna. There was the largest crowd yet, with hams from Jacksonville all the way down to Miami attending. There was much VHF gear and parts on display for sale or swap. Many prizes donated by various commercial concerns, were given away. Besides the prizes and program I think one of the biggest drawing cards for this picnic is the opportunity for VHF hams all over the state to get together. Congratulations to the Lake County Amateur Club for their fine job in putting over this annual affair.

SIX METER CONTEST

Here is another reminder of the Florida Skip sponsored 6 meter W.A.S. contest. It began January 1, 1960 and goes to December 30, 1960.

The Florida amateur who has the highest number of two-way 6 meter QSO's to different states confirmed will be awarded the beautiful trophy.

Any mode of communication may be used. All confirmations must be submitted at one time, and contain all necessary information reference to the 6 meter contact. A confirmation can be a QSL card, letter, postcard or even a telegram. Get busy!

DISASTER DOWN IN NAPLE

Shortly before Donna hit Na ples, a call to Hank Hoffma K4LQS, SKIP Publisher, advise him the Red Cross Disaste Chairman was out of town an since Hank was assistant chai man he would be in complet charge.

The wheels rolled and he swun into action. Red Cross shelter opened and almost 2,000 peopl were registered. The Naples Ra dio Club set up their Heat Lunch Box Sixers and were business to key points. Thousand of messages were exchanged an sent out of the city.

The wind gauge broke at 17 MPH and Naples was in the Ey of Donna for over an hour. Th big pine trees snapped like matc sticks, TV and BC towers ben and broke, water from the Gul ashore.

Hank, K4LQS and XYL Gudie worked a solid 3 and a half day in the Red Cross shelters helpin the needy and homeless peopl and as of this writing, are stil working to help them. They no only had the Naples area to hel but Everglades City and Marc Island turned to them for help

Our hat's off to Hank Hoffman K4LQS for an excellent job dur ing the Donna Disaster.

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ANNUAL CODE CLASS

The St. Petersburg Amateur ıdio Club is planning its an-ıal code class for beginning vice ham operators to start ıss which is now in its third ccessful year will again be in-ructed by Jim Dillman, K4USK. The class is tentatively planned r ten consecutive Wednesday ghts, two hours per night. Suf-ient novice theory will also taught to enable finishing the urse to pass the novice license amination which will be given one of the club's senior in-ructors.

All amateurs knowing of any-e interested in such a class are ged to have these persons get touch with the club by addres-ıg us at P. O. Box 4026, St. tersburg, Fla. As soon as pos-ıle, we will set the exact start-g date and mail notices to all ncerned.

SLEEPY HEAD

Joe Jarkesy of Shalimar's Res-ırant went to bed weary and epy. That's when a few pesti-ous mosquitoes began making night miserable. He crept er to his utility cabinet for his sty sprayer and went to work. sprayed in the corners,, behind bed, all along the drapes d blinds — no more mosqui-s.

Same morning, and a rude a-kening. He had sprayed with inese red LACQUER.

ditor's note. Moral: Net mem-rs, listen before you throw the itch.)

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ORLANDO RAMBLINGS

Hal W4BKC

If it don't quit precipitating around this area, we will all qualify for maritime mobile operation without even leaving the home QTH.

Most of the mess that Donna left when she passed thru has been cleaned up bent masts straightened, and long wires hoisted again. Those who used a tree as an anchor point for a long wire, have revised their opinions as to it's steadiness in a 65 mph ? ? ? wind. Seems as how Donna conformed to the posted speed limit upon reaching the outskirts of Orlando, then picked up speed when she was safely out of reach; there are several differences of opinion on that subject. The one subject that everyone seems to be unanimous on is the absolute necessity for emergency power; not only in the rural areas but right in town.

In case any of the Floridoras read this column, Evalyn, K4UIZ would like to hear more checkin's on the FBG net on Sundays at 0900 on 7225 Kc. Zero in Gals. Wes, K4KRG wonders if a HELP WANTED ad would augment the slim crew who have been working so hard renovating the CFOA van and it's equipment, how about it fellas?

Heard that Phil, W9DVM who spends some time on Ice island Alpha, where he accumulated 3700 QSL's, and more recently was on Bravo; is going to locate in Orlando. Sure would like to hear of some of those experiences Phil, how about coming down to the Club sometime and meet the gang, and givng us the lowdown? Noted with regret the sudden passing of Roy, K4QXD of Leesburg, another FPTN member to join the distinguished ranks of the Silent Keys.

Lou, W4NKD EC for Orange County, with the assistence of Ace, K4AKQ had a simulated Hurricane alert as the theme for the annual SET. 13 stations reported in on two meters, and six on 10 meters. Each station originated a drill message to Lou, who will in turn report to ARRL. We have had so many real emergencies locally since last March, that the gang are pretty well on their toes, and ready to move on short notice.

Support our Florida SKIP advertisers. They are supporting you by helping to pay for your issue you are now reading.

DADE COUNTY

6 METER NEW

By Walt Stock — W4IIS

6 meter DX very rare although Oct. 6, 1960 HC1FC in Ecuador S. A. was S-9 plus. For over 2 hrs. and had the boys blood pressure running high. Several Miami stations worked him and quite a lot of local QRM by unsuccessful stations attempting to make contact including the writer who got hoarse calling.

New 6 meter station in Miami K4RDF. Real nice signal "Barnie" and welcome to 6 meters.

New to this area, but not new to 6 meters is W4PNS, now residing in Miami. Former Qth was in Clewiston. Tommy also works the other bands, but will be on 6 soon and would appreciate the gang looking for him.

K4ANG — Home Qth North North Carolina was a recent visitor to Miami working 6 meter mobile.

The writer recently worked a round table with K9JTV/M who is attending the U. of Miami and K4TCN/M from St. Petersburg who visits the Miami area occasionally.

K4IID had a 6 plus 2 VFO stolen from his car while visiting K4RDF. Any information regarding same would be appreciated by Mike.

D.E.N. Dade Emergency Net N.C.S. Now operating from the 18th floor of Dade County Court House and doing a fine job. Preparing for the next hurricane which we hope never arrives.

Local ragchews increasing with more stations back from vacation and settling down to a real fine 6 meter winter in Fla.

Famous last words — "I'll always be on 6 after I get the big ticket."

The 6 meter boys are looking for K4OI, Jerry to return to Miami. Always active on 6 meters fixed and mobile. Where are you Jerry?

73 — Walt — W4IIS

EX-CALLS

The Ex-calls keep coming. Have you sent in yours yet? A post card will do. SKIP, Box 501, Miami Springs 66, Fla.

K4ZZV ex HR2WC, YN1WC, W6EWC, W8EWC, and W3PAH.

W4FE ex BA, 8MM, 8FE, W4-YV.

K4DAX ex W4EGU, W3HVS, and W7JEO.

W4TE ex W3CN.

A SCRUFFY LOG

Bill Leonard, W2SKE, CBS News correspondent and producer of the Voice of America amateur radio programs, and subject of write-ups in July and August CQ magazines, has been in Florida, along with Ed Murrow collecting filmed material for a forthcoming CBS documentary on reapportionment. Leonard spent several days in Tallahassee, then moved to south Florida. He takes a complete suit-case portable 200-watt rig with him on such assignments and regularly operates from his motel room during hours off duty.

* * *

Two of those hard-to-get counties are supplied on 40 prone by K4EIK, in Lawtey (Bradford County) and K4GSM in Cresent City (Putnam County). K4RZM operates 40 mobile while driving thru Liberty County each Thursday afternoon between 5 and 6 p.m.

* * *

Some guys will do anything to collect a DX QSL card. W4-MLE in Tallahassee, has an eyeball sked with VP3RS, after working him on 20 CW, for MLE's country number 76 in six months. Stan, a Gadsden County native, is being transferred back to Bainbridge, Ga., late this month and plans to visit relatives and friends in Tallahassee — including W4MLE. During a one-hour QSO, Stan used George to relay the word that he'd be coming home. It was his first Tallahassee QSO in five months on the air from British Guiana.

SUPER POWER

Radar Echoes from Venus . . Continental Electronics in Dallas, Texas announced that a giant transmitter at M.I.T. Lincoln Laboratory is the most powerful on earth. With it, man made his first contact with another planet — by bouncing a radar signal off Venus for a space round trip of 56,000,000 miles.

This is a significant forward step since it means we have pushed our radio signals a hundred times further than ever before. It means we can measure space distances with amazing new accuracy. The powerful pulses from this transmitter were beamed into space from a huge antenna 84 feet from rim to rim. It is the same radar used to sight and track earth satellites and for other space probe programs.

(How's your DX? See W4LVV's column each month in Skip.

HURRICANE DONNA

FORT MYERS VERSION

Wednesday September 7th the FMARC held an emergency meeting in preparation for Hurricane Donna. W4CQZ, local EC and W4KOB, RACES Radio Officer, and others were present. Plans were made to establish 6 meter links in the local Red Cross shelters and man a base station at the City Hall for outside contacts on 40 and 75 meters.

Friday and early Saturday, the Red Cross station using the FMARC call sign W4MWI was established at City Hall. W4CQZ and K4KPE were chief operators. The shelter stations were manned by W4TKS, W4KET and W4SMK, W4PJG and XYL, K4ZIF and son KN4UVZ. Due to transceiver trouble and power difficulties several of the shelters and the base station were off the air at times during the storm Saturday afternoon, but K4ZIF stayed on using the local Mosquito Control mobile unit as a relay. W4MWI experienced transmitter trouble and then receiver trouble after a new transmiter was obtained.

Early Sunday W4MWI was forced to close after losing their receiver, and since W4CQZ and K4KPE badly needed sleep after being the only outside contact with Fort Myers for many hours.

At Fort Myers Beach K4GUE had been on the air almost continuously for several days before the storm struck as NCS and participant in the Fla. Emergency Phone Net. Saturday Ken and Jim K4ZAP, who was active on the Coast Guard Auxiliary Net especially, left the Beach for Ft. Myers bringing some radio gear and an emergency generator with them. When Ken returned to the Beach Sunday he found his business establishment ruined, much damage to his home and antennas, but the rig was ok. K4ZAP later returned to aid the Coast Guard in their operations preventing looting, rounding up of boats, etc.

Unfortunately, Fort Myers Beach was without communications with the city for many critical hours during and after Donna. Unofficial wind instruments at the Beach measured the wind velocity in excess of 140 miles per hour, while at Ft. Myers the Weather Burea recorded 121 MPH. Ft. Myers Beach and Bonita Beach to the south suffered heavily, some homes at Bonita disappeared completely during the storm and there were two deaths there.

Back in Fort Myers K4KPE returned to his trailer home to find it a total loss including radio gear, K4MBB's trailer was heavily damaged, and K4KOB and others had heavy damage to their homes and antennas. Late Sunday afternoon found the Civil Defense organization in control of the local situation.

From Dade County came Tom, K4MAQ, bringing a FB crew with the Civil Defense Communications bus, and some badly needed generators. The local CD group had just been organized a few months earlier, no plan had been approved yet, and they had no equipment except what the amateurs themselves had donated. In spite of this, and with the help of K4MAQ, and W4KOB who worked for days with almost no sleep, an organized group of operators emerged to set up communications with Fort Myers. Monday the CD bus was able to leave Ft. Myers for Naples where they were needed more urgently. Operators at K4MAQ and W4MWI worked around the clock handling hundreds of urgent messages for CD and Red Cross, and squeezing in welfare traffic where possible. The City Hall station was on the air for a week before closing down.

Much credit goes to the local telephone company who kept emergency lines open, established communications with Sanibel and Captiva Islands, and with the Beach, hours after the worst of the storm was passed. They did a remarkable job.

The CAP radio unit, Sheriff's radio, Highway Patrol, all did their share in establishing contact with the remote areas of Lee County. Of great value was the Mosquito Control Radio System installed only a few days before the storm. Their base station antenna withstood the winds and helped greatly in contacting the Beach, local shelters, and other areas.

Latest figures show Donna caused 16 milloin dollars in damage to Lee County and several deaths. We of FMARC, and CD have vowed never to be caught by surprise again as we were by Donna. Plans are in the mill for an elaborate CD communication center here. A lot of lessons were learned about how and how not to handle traffic, run a net etc. Big holes in our local (and state) Emergency Nets need to be plugged.

Besides the names and calls mentioned so far, add the following who also did a fine job, and our apologies to anyone we overlook, since the list could include practically every amateur in the Lee County area: K4UNJ, K4RQY, W4KPO, W1ORP/4, K4VGN, W4KCW, K4LHD, K4GAF, W4KOI (son of W4KOB), KN4VSN, K4OBD.

The FMARC is also grateful to all the organizations who helped so much in providing food, supplies, etc. when and where needed. Including the Red Cross, Salvation Army, Dade Co. CD, Fla Power and Light, Inter-County Telephone Co., CD Director Hitzing, local restaurants that provided food, etc. Sorry we missed the Ft. Myers column last month but we were just too busy.

W4IYT did a FB job to get out Skip and man the net for days the way he did.

That's the Donna story from here. CU next month.

Ken, W4SMK

TROPICAL

PHONE TRAFFIC NET

Hi gang. The Net's activity in early Septemeber was a little wet because of Donna but picked up with tons of welfare traffic that came in. Many stations helped in the effort to deliver all messages. W4PVU, George, was a great help with this by traveling thru the stricken areas.

Did you know that K4GUE, Ken, in Fort Myers eBach got wiped out and was not on the air for many weeks? He is back on now, good as new.

Remember fellows, report all your traffic to the SCM on the first of each month. Net controls are now: W4TRS, K4EHY, K4GUE, W8LDU/4, K4BHL and K4OII. K4OII is also net manager of the Florida Emergency Phone Net which meets each Tuesday at 1830 on 3910 kc.

73, K4EHY

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See: W4NVF, Roy Humston; K4AZQ, Elmer Bradley; or Tex Quinn

DONNA MEETING

Shortly after Hurricane Donna parted Florida, Andy Clark 4IYT, SEC for Eastern Florida lled a meeting of key amateurs o took part in handling emerncy communications throught the storm. The following ameurs of Dade County gave up ndreds of man-hours: K4AG, 4DTV, K4FMA, K4ITE, W4-T, W4JO, W4KGJ (SCM), K4-AQ, K4PMF, K4SLR, K4UUO d K4VSB. Agencies represent- were, Dade County Public fety Dept., C. D., Red Cross, A.P., Army and Air Force ARS.

The purpose of the meeting s to calmly discuss the good d bad happenings on the amateur frequencies and how to improve our state emergency communication plans.

After a very successfull (taped) 2 hour meeting the following suggestions were offered to the FEPN:

1. Use 390 night and/or 7295 kc day during a small emergency and all normal drills.

2. During a large disaster, such as a hurricane, 3910 and/or 7295 kc be reserved to stations within 100 to 150 miles within the disaster area ONLY for priority and official traffic for Red Cross and Civil Defense.

3. 390 and/or 7285 kc be alerted for all other types of traffic, such as weather, welfare, etc.

4. A "listening watch" be maintained on all above frequencies for 3 minutes exactly on the hour and 30 minutes past each hour for weak stations within disaster area.

5. Have experienced net control stations on duty at all times if possible.

6. The net manager or his assistant of the FEPN be in complete charge of FEPN on a 24 hour basis and all reports concerning the net be directed to the manager.

7. Request from FCC a "Clear Frequency" only when absolutely necessary. (FCC request anateurs police their own ranks and cooperate during all emergencies.)

8. To utilize more of the WARN (Warning Amateur Radio Network) on 7195 day and 3650 kc night for weather reports and priority traffic with a liasion station between WARN and FEPN.

9. Take full advantage of the SSB net on their frequency with another liason station for FEPN phone and WARN CW.

These are the suggestions made for FEPN. There were many others made regarding Dade County amateur communications.

Your editor has on hand the complete meeting on tape if any EC or emergency group would care to borrow it.

73 AC

. PETERSBURG AMATEUR RADIO CLUB

n June, hams all over, enjoyed annual National Field Day npetition, but little did they ow they would be repeating operations just twelve weeks er for a real emergency. When ricane "Donna" tore up the ter of Florida, she found the ateur radio operators ready to s along information, enabling se whom she visited to be pred for her reception and as- in giving aid where needed er her departure. A big vote congratulations and a hearty nks to all those who so ably d untiringly rendered their vices.

K4USK — Jim, Secretary and asurer of SPARC, has been ationing in his old Northern nts. Hope you had a nice vaion, Jim, and did not encounter onna."

We are glad to welcome W1-G/P4 — Bert and XYL—Dot, our Club meetings. At pres- they are running a Heathkit and having a lot of fun.

was a real thrill to hear from CUY — June and OM, W4TXX Gene, of Rutledge, Tenn., when y contacted W4HUY — Smitty ently. It was the first time y had been successful in get- into St. Pete.

W4WPD — Shirley and OM, UFR — Earl attended the tona Beach Hamfest. Looking ward to hearing the details if any others in this area ended.

ongratulations to K4PLT — dy, of Limona, Fla. who celeted her birthday.

4RKY — Pete has been on sick list and has been missed on all bands. Hope you are feeling better, Pete, and get on and talk to us. K4FQA — Jack, of Tenn., who was staying at the Edward James Hotel, gave Pete his ground plate antenna for 6 meters, so that now Pete really puts out.

W4BAV — Cathy has a real thrill August 2nd, when in QSO with W4NQX — Paul and K4FHZ — Ken, both of Tampa, and suddenly received a call from K8SMO — Jean, aeronautical mobile. Enjoyed the half hour QSO and then had a further surprise on August 8th, when the band opened up and K8SMO — Jean called Cathy from the base station.

W4TCF — Curley, can be heard often mobile from his boat, which he built and is enjoying.

W4BIL — Fran and W4WME — Bill are missed at the Club meetings. Come, Fran and Bill, surely you can break away from your new home and journey to the big city for the meetings at least once in a while.

W4KCG — Dickie is now a full fledged General Class operator and is having a "ball" working DX. Congratulations, Dickie, and good DXing, but do not forget the old gang on 6.

We are glad to welcome K4-CGN — Dick, formerly K9VDI of Indianapolis, to our midst. Dick fell from a fifty foot building (putting a hams antenna up, incidently) and injured himself very badly. However, he has a wonderful sense of humor, so immediately "dubbed" himself K9 Very Dumb Individual; when he received his modified call, had no trouble in coming up with some "wacky" phonetics: K4 Completely Gone Nuts.

73 W4BAV

TRAFFIC HOUNDS

EAST FLORIDA SECTION

SEPTEMBER

K4SJH, 1293	W4GJI, 80
K4LCD, 421	W4LDF, 78
K4KDN, 377	W4FE, 76
W4SDR, 309	K4DAX, 69
K4LCF, 299	W4JRJ, 65
K4GBS, 292	W4BKC, 60
K4NCN, 289	W4SMK, 60
K4RNS, 267	K4BLM, 53
W4CNZ, 256	W4TAS, 51
W4FJE, 245	K4IWT, 47
K4BY, 222	K4AKQ, 45
W4FPC, 190	W4EHW, 41
K4ILB, 171	K4DBT, 38
W4TRS, 162	W4NGR, 36
W4AKB, 123	W4HRC, 36
W4IYT, 119	W4OLV, 31
W4IWM, 107	K4MTP, 19
K4COO, 91	K4OSQ, 14
W4SGY, 82	W4LSA, 12
	K4YOQ, 9

Late and missed reports for August

K4IWT, 449	W4HRC, 33
K4TDT, 115	K4OSQ, 32
W4IYT, 33	

Late and missed reports for July

W4LDF, 85	W4SVB, 13
K4BLM, 43	

Following section nets reported: FMTN-898; FPTN-528; GN-293; and TPTN-225. Non Section nets. Fast Net-64. We had four making BPL for month of September.

73, John

QFN THE ALL FLORIDA CW NET

QFN meets daily at 1730CST/1830EST on 3650 kcs.

Once again we fill this space with dope on the QFN. Last month's article was not seen because it probably floated out from the print shop at Naples on the waves of Donna. I must say that my antenna system suffered badly from the "blow." Did manage to salvage my 40 meter vertical, but found it did not work too good on 3650. K4UBR — Jerry, has once again resumed as Net Manager while Lee — W4ATA is Vice Manager. Congratulations to W4MLE, K4CNY and K4BSS/4 on qualifying for QFN section Net Certificate. Would like to hear from some of you on items I don't know about. When my new antennas are up, I will be back in the swing of things. The QFN hangs out at 1730 CST/1830 EST on 3650 kcs daily. Any questions pertaining to QFN can be addressed to Net Manager — Jerry, K4UBR — 302 New Castle Drive, Ft. Walton Beach, Fla.

Until next month. 73

K4FMA - Don

AMATEUR STATIONS HAVE NEW OFFICIAL DESIGNATION

The Geneva Conference, Section III of Article 19, Chapter V, has designated the international standard short-form identification for radio amateur stations. It is "AT."

"Q" SIGNALS NOW AUTHORIZED FOR RADIOTELEPHONY

The Geneva Conference authorized the use of six of the international radiotelegraphy signals for use in radiotelephony service. They are: QRA, QRK, QRM, QRN, QRU, and QSL. When used as a question the "Q" signal is followed by the letter "B." An example: You want to ask a non-English speaking amateur to acknowledge your transmission (oh, all right . . . you just want a card from him); so you ask him "Quebec Sierra Lima Bravo."

ST. AUGUSTINE ARC

We are a bit late but here is the St. Augustine Amateur Radio Club report on the "Day in Spain Fiesta" and Hurricane Donna.

The club put up a booth on Aviles Street for the purpose of sending radio messages all over the U. S. and its possessions. We had a small 10x4 tin roof on our booth with a ten mtr vertical on top which turned out to be very efficient. Also, we had a 40 mtr doublet that we used last year so well, but it turned out to be so noisy that we did good to hear the local signals on 40, so most of the work was local on ten meters. The gear belonged to W4FJE, Mark (Commanche and Cheyenne) who finished the kits the day before the Fiesta. They proved to be perfect for the job. We took 110 messages the two days of the Fiesta. Mark sent them out on his home rig (mostly to K4SJH). Participants in the project were W4FJE, K4-BWO, W4LQJ, KN4WIG, W4-AGK, K4QBP, W4FHG, W4EIE and W4UHC.

The very next day and hardly before we had recovered from the Fiesta, hurricane Donna was upon us. Friday afternoon of the 16th we moved into the Red Cross Headquarters in force with antennas for 80-40 and 10mtrs. Their location was on top of our Linchner Museum up about 75 feet high(what a FD location). The gear was a Super modulated Adventurer belonging to W4FHG and a NC-173 belonging to W4-FJE. The emergency power was furnished by the local CD. We had a very good set up with the Red Cross and local Life Guard Corps all set up in two adjacent rooms at RC Hdqts. We donated our 75 foot GP to the Life Guard Corps with their CD units, and they did a fine job of covering the beaches and hospitals here. The Amateurs were left with the job of keeping outside communications open. Amateurs operating under the call of W4FHJ/4 and A4UHC/4 followed the hurricane up the state.

At 0300 Sunday morning we received word that Donna was heading for Jacksonville and up the St. Johns River (later turned out to be erroneous). At that time W4FJE and W4UHC with a SWL as laborer headed for the Shands bridge on the St. Johns River. We had the Heath Mobile twins, a 2KW generator, 40 mtr dipole and a Sheriff escort, and at 0600 were operational on 40 mtrs. We found an abandoned garage near the River and set up shop there. This turned out to be another very efficient operation, as the generator kicked off with the first pull of the starter rope and on the first CQ got an answer. We stayed until 0830 when we learned that Donna has passed into the ocean near St. Augustine a few hours earlier and we missed it all because we were 20 miles farther northwest. It was truly amazing the difference in wind velocity from 20 miles away from St. Augustine. We didn't have winds over 30 mph on the river and at St. Augustine it hit 100 MPH in gusts. We were back in St. Augustine by 0930 and in the sack by 1000. The amateur loses were not as bad as could have been. W4UHC and W4EIE lost all their antennas. The others took theirs down before the storm.

We had the same group this operation as during the Fiesta, so you might say the co-operation was excellent from our small unit.

CU JUD W4UHC

MARS BC 31

From time to time we hear doubtful and adverse comments about the quality of operation and knowledge of the Conditional Class amateur licensee. That these comments are founded to some degree on fact is evidenced by recent actions taken by the FCC against a considerable number of holders of Conditional Class license. It is unfortunate that this situation exists but since licensed amateurs conduct a majority of the Conditional Class examinations it follows that any improvement in the situation must come about mainly through the efforts of the amateurs themselves. This is not to be construed as a condemnation of the Conditional Class license or licenses. It is simply a state, to wit; that improvements in the quality of Conditional Class licensees is a responsibility which all General or higher class amateur licensees must share.

ARL OB 769

The twnety seventh ARRL Sweepstakes contest is scheduled for the week ends of November 12 and 13, and 19 and20. Those planning to participate are urged to make requests for log sheets immediately.

In making your request to ARRL be sure to give your complete name and address. Unless otherwise requested, three logs will be sent along with an Operating Aid No. 6. Mark your calendar now for the Sweepstakes. Complete announcement and rules appear on page 50 of forthcoming November QST.

FLORIDORA YL NEWS

BY FRAN ADAMS K4PPX

K4ANR — Ruth won a Q-Mult at the VHF picnic. W4BIL — Fran had a visit from K3LFZ. Fran is net control for Nov.

W4HYV — Babs address is PO Box 300. Babs is appointed Director of the Florida District Mars 1. First woman to hold this office. K1ICT — Blance one of our charter members now in one-land is Secretary of the YLRL.

K4ICA-V. Mayree is on SSB and may soon check into our Monday net. W4IUR — Mim won a subscription of Fla. Skip at the CHF picnic. Mim urges all to mail your ballots in. Mim visited W4FE and K4ANR and they didn't get barbecue.

K4ICA — V. Mayree new TH is 428 SW 28 Road — Miami 38. W4MUY — Dot had the Monday net spellbound as she talked about her exercise during "Donna's" visit to Ft. Myers. She received over 200 cards and letters from friends. Dot had 4½ feet of water at her place of business and home and their boat was almost a total loss.

K4PPX — Fran had her picture in our local paper along with K4RCX — Jeri and W4FEU — Ann. Although not in the picture K4ACF — Nancy was the one who got our pictures in the paper and gave all the details as ham operators.

K4RCX — Jeri did FB as NCS for Oct. Jeri is now a home owner and has been doing plenty of painting. K4RED — Lucy is on a diet (doctors orders) Gud Luk. Little Bo W4HRC and sister Marie visited K4RED.

K4RNS — Marge received No. 3 Ga. Peach and the Conch certificates. She worked W8OLJ/mm on a hospital ship called "Hope." She hopes to get their QSL. Marge did FB in the Howy contest with the total of 107.

K4UFQ — Ruby has moved to 3141 S. Sante Fe. Englewood, Col. because of some of the damage Donna has done. We hope Ruby will be back soon.

W4UF — Dot has been writing to the gals time to time telling of her trip and where she's been. Her om reports no damage done to her Englewood home. W4WYR — Eve did FB as NCS during Sept.

K4YDB — Betty was on vacation to Look Out Mountain, upon her return she missed seeing Marge K4RNS. Didn't see her antenna. Next time tak along your Directory.

W4CWV — Annette just re turned from trip to Central Fl Her Dad visited her for th week-end.

Don't forget the Sunday Ne Check in and join the fun 722 kc 0900. Anyone wishing a Flo idora YL decal for you car co tact Marge K4RNS.

Did you all hear W4FE A our "Grandfather" (so Betty W GGQ says) play the piano?

FLORIDORA YL ACTIVITIE

By FRAN ADAMS K4PPX

Our new Directory is ready a by now you should have receiv one. If you have not receiv yours yet, write to K4OYB — V vian. Many thanks to W4F K4ANR, W4WPD, K4PPX, K QQE, for a job well done. T History was compiled by W4HR — Little Bo.

The Floridoras now have 8 members. Sure hope all 82 wi keep our coming Floridora Wee in mind and help make this success. Remember Jan. 8 thr 15.1961 . . . . . Certificate No 18 has been issued.

Hurricane Donna provided th theme, the Floridoras provide the music. Many of our gals har dled messages in and out of th disaster areas. Our regula Monday Sept. 12. net was devote to Welfare message handling an was extended to meet the Noon day Net.

Remember gals, fill our you ballots and send them in to Mir W4IUR. Ballot sheet is the las page in the Directory.

The Sunday Net has started u again and hoping the gals tha work will find the time to chec in. Lets make a good showing It's informal.

Who would like to start a meter net in the Gulf Area With all the 6 meter gals w have there the job wouldn't b too hard. Contact Marge, K4RN for details.

We hope you joined the YLRL W4BIL — Fran announced tha all YL's are invited to th SPARCYLS Xmas party to be a her home. Strickly females n kids and husband.

Net manger has announce that your call will be droppe from roll call if missed 30 days

Happy Birthday: Nov. 2 W4 LOX, 8 K4SOL, 26 KN4IIR.

CONCH CYCLES

After a few months vacation m editorial duties we return Skip with news of Cayo Hueso.

Needless to say that during rricane Donna the Monroe unty Emergency Net was ac-e. Under the able direction Lou — W4MLR, EC for Mon-e County, the net operated ntinuously from noon on 7 ptember until the afternoon of September. Although commu-ations up the keys from Key est was spotty, much vital traf-was handled via the amateurs ring the time when almost all mmercial communications were t and those remaining over-ded with traffic. Good liaison s maintained between Red oss, CD, and U. S. Naval au-rities via the Monroe County t. A deserved well done has en given to the Keys Amateurs all concerned.

Lou — W4MLR and Mike — 4ZUT have their Heath 2 Me-"Lunchboxes" operating now. 18 September an experiment s conducted and communica-ns were set up from Key West Marathon using a 20 ft. high lement beam with the "tower." t a bad haul of 50 miles for ¾ tts to the antenna!

Lou — W4MLR has been ap-nted Radio Officer for Mon-County CD and a RACES n is expected soon.

New Hams at W4NDJ, Fleet nar School Amateur Radio b: Ed — KN4WZK, Biff — 4ZRT, Wayne — KN4ATQ, rner — W4SCB.

Key West Amateurs regret the nsfer of Tom — W4RUQ (WA-DR). Tom was very active ile attending school here and sted in many ways with his e mobile rig during Donna. st heard from, he was heading the keys to Georgia and thence Norfolk for his new duty sta-n.

K4NCN is now participating in Navy Ham Net covering from Argentia to Gtmo and Key West to California. This net is not Navy sponsored but all the stations are club stations at various Naval activities. Dick — K4MDI — custodian at NCN has done much to promote this net.

Robbie — W4YFW now on 6 meter mobile looking for someone to talk to.

Well back into my Conch Shell for this month. From Key West, in the Heart of the Fabulous Florida Keys, the Fishing Capital of the World, we send you 73.

Burt/W4CNZ

FAST NET

Bigger and better! We almost made the 100 percent increase in traffic this month. Totals for August were 36 messages in 23 sessions, for September 61 messages in 16 sessions. Donna, of course, interrupted our regular net sessions for several days as .3910 KCS was otherwise occupied and most of our operators likewise.

Gradually, FAST is assuming its position in the list of effective Florida traffic nets. We do make a plea however for Miami to help us out. Many nights we have had traffic for Miami but have been unable to move it.

Several members experimented last month with a new procedure for FAST. When a station calls in on 3910 Lower Sideband with traffic, he is directed by NCS to shift to upper sideband with the destination or rely station to pass the traffic. The net continues to function on LSB. The procedure worked fine and was tried by several other stations who reported similiar excellent results. In otherwords, twice as much traffic can now be handled as before in the same time. All on the same frequency!

73 for this month. See you on FAST.

Burt W4CNZ

FLORIDA SIDEBANDERS

Whoooosh! And that was the last we heard of several of our regulars. Donna left an aftermath of downed antennas and water soaked equipment from which many hams have not yet recovered (Notably our Prexy K4QNX). We all hope they will be back soon.

Our Sunday afternoon meetings since Donna have been occupied largely by discussions of ways and means to improve emergency net operations in Florida by the addition of an SSB net. Much of the planning has yet to be completed but so far here are the accomplishments:

Net Manager—W4OVE, Vance.

Net Name—Florida Sidebanders Emergency Net (FSEN)

Net Meetings — Wednesday 1930 hours on 3940 KCS

Net procedures and operations will be forthcoming.

We sincerely hope this venture will be a success and will contribute to the overall effectiveness of emergency communications. Let's all get into FSEN and support it. There's no question of what our SSB net can do, we are proud of what the SSB operators did on their own during Donna, yet we feel a formally organized net can do even better.

Net calls heard on Sunday afternoon:

W4SMK — Ken, W4IWM — Bram, W4EWB —Sam, W4FRN — Joe, W4AYZ — Al, K4GBS — Art.

Welcome to you all and we hope you will be with us each week.

Sure was glad to hear "Ole Sasparilla Tony"—W4JQ on the Sunday 2 October. Tony was home for the day and reports he is now on the way back up. Our hopes for an early permanent return to the band.

Also pleasant to hear John — W4ANJ back with us after a long absence.

We hear by the radiating grapevine that Bob — W4PFH is now operating from DL land. Contact W4OVE for details.

Remember 3940 KCS at 1700 Sundays on Lower Sideband, that's where you'll find the Florida Sidebanders.

Burt W4CNZ

All the time we have trouble. We got this little ole hole to fill up to complete Skip for this month and can't think of a thing is one more line. How now brown cow . .? K4LQS

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FOR SALE: SB-10 Heathkit SSB generator, built and ready to go. Make offer over $50.00. Webcor stereo tape recorder complete. Paid $135.00 will take $75.00, in like new condition. AM-FM plus two shortwave band radio by Geloso, like new, cost $79.95, will take $24.50. Thomas De Bray K4KRJ, c/o WMFP, P. O. Box 37, Ft. Lauderdale. Phone JA 3-4318-19.

WANTED: Heathkit AM-2 and QF-1. Have photo gear to swap. Write for details. Robert W. Sloat K4VGN, 4514 Hunter Green Dr., Ft. Myers, Fla.

FOR SALE: 4-125 tubes new in orig carton $15.00 each. 6146 new $3.50 each. Gonset G-50, mike and ground plane $250.00 or trade outboard gear. 8 henry choke 150 ma. $5.00. Power transformer 500-0-500 v. ac. 120 ma., 5 volts at 3 amps and 6.3 v. at 4 amps. $5.00 Robert Schmauss K4-KLT. 3903 Swann Ave., Tampa 9, Fla.

FOR SALE OR TRADE: BC-221 freq meter, panoramic SP-44, prop pitch motor with mount. WANTED: 800 watt power supply, 40 foot antenna tower, antenna rotator and indicator. M. B. Goldblatt W4EMB, 3627 SW 8th St., Miami Phones HI 3-7636 days or MO 6-6997 evenings.

WANTED: Everyone to start making plans to attend the SECOND ANNUAL TROPICAL HAMBOREE. Where — Miami, Fla. Dates — January 14 and 15th, 1961. Tickets go on sale in September. Dade Radio Club W4NVU. P. O. Box 104, Miami 1, Fla.

WANTED: Everyone to look for final plan on the FLORIDA SKIP WORKED ALL FLORIDA CONTEST to be held late this year. Everyone welcome. Skipper, Box 501, Miami Springs 66, Fla.

FOR SALE: Communicator III including Mike and Net Crystal $190. Also Heath No. 7 VTVM yours for $22.50. K4SPN Dean H. Cross, 9995 S.W. 28 Street, CA 1-4375, Miami.

PHONEY PHONETICS

K4BIY—Big Ignorant Yankee.

K8UKU—Uncle Kilroy's Underwear.

W4KGJ—Kay Gee John.

W4IET—I Eat Turkey.

K4RDP—Real Dill Pickles.

"Sloppy Joe" Ham sez:

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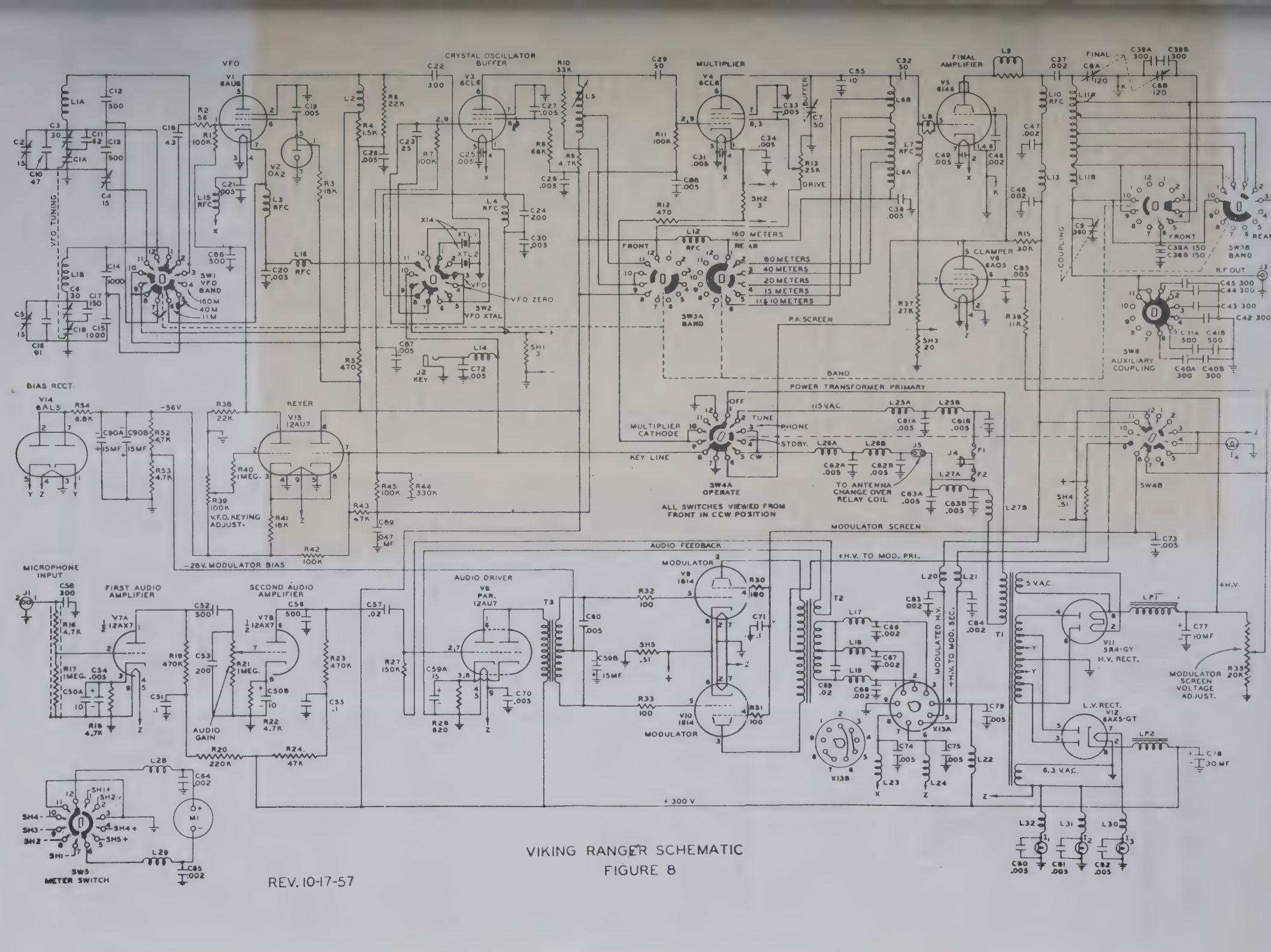

VIKING RANGER SCHEMATIC
FIGURE 8

REV. 10-17-57

AMATEUR RADIOGRAM

NO.	STATION OF ORIGIN	CK.	PLACE OF ORIGIN	TIME FILED	DATE

TO:

FLORIDA SKIP

The All Florida Radio Amateur's Publication

This is a SAMPLE of our new message blank. 200 sheets padded in 50's. Postpaid any place in USA. $ 1: Send order to:

SKIP
Box 501
Miami Springs 66, Florida

REC'D FROM	LOCATED AT	TIME	DATE	OPERATOR
SENT TO	LOCATED AT	TIME	DATE	OPERATOR

This message was handled free of charge by Amateur Radio Operators. A return message will be sent through operator shown on reverse side.. Delivery cannot be guaranteed, as messages are relayed solely as a hobby.

HAMBAR

TE: Florida Skip does not ume any responsibility for dition, price, etc. of any item ed in this column.

is column is FREE to any Li- ed Radio Amateur. There is no t to the number of items an vidual may list. All listings are celled each month. If your list- is not moved, it will be neces- to relist the following month.

ASSIFIED and COMMERCIAL ADVERTISING RATES:

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Commercial Business; Classi- undisplayed — 50c per line; trative or General Display with er — $3.50 min., $80 / page; al cost of cuts, additional. Cuts ished, no charge.
Advertising inch is measured vertically on one column, i.e., olumns — 40 column inches to age. Rate card by column inch lied upon request. FLORIDA P Inc., Advertising Department, Box 501, Miami Springs, Fla.

SALE: HQ-170 with matching ker, spare tubes, new condition 00. Red Andrews, W4IMZ, 601 Acre Drive Plantation, Ft. Lau- ale.

SALE: BC-221 Frequency me- Good condition, clean with or- l calibration book. Converted 110 v.a.c $50.00 Will not ship. West W4UHC, 308 Alcazar St., ug.ustine, Fla

SALE: Eldico SSB 100A — $300.00. 750 volt power supply TC $15.00. 4mfd., 4000 volt con- ers $8.00 each. 10Hy, 450 ma. es $8.00 Brand new plate trans- er 2000 v. at 300 ma. CHT. ment transformer for 872 KW son Rotary coil plus high power able and vacuum condensers Russ sted K4UJZ, 1548 N.W. 15th Ave., Lauderdale, Fla.

NTED: Johnson Valiant in good ition. Will trade $610.00 Sun rubutor like new. Ruby, K4UFG, l Box 117B, Inuermiss, Fla.

SALE: 50 watt RCA base sta- in 6 foot cabinet with rack and l on 46 mc FM. Complete with te control and mike and manual. p or will trde. Earl C. Snyder YD, Box 117, Okeechobee, Fla.

NTED: Viking Ranger, state con- n, model and price. Andy Clark YT, 41 Lenape Dr., Miami gs 66, Fla. TU 8-3874.

NTED: Good communication re- r in $300.00 class. Will swap my 0 1957 Deluxe, 3 speaker RCA ch color TV. Write for details. olmsted K4UJZ, 1548 N.W. 15th Ft. Lauderdale, Fla.

SALE: NC-300.x Mint condition high serial no. $275.00 or best Herb Ridgley, K4GGX, Box Miami Springs 66, Fla. TU 7-

SALE: Hi Gain mobile tele- ng antenna model TWB with trap for 10 - 15 - 20. Chrome d never used $20.00. George e, K4HYO, 2951 N.W. 161st Ter- Opa-Locka, Fla. NA 1-0225.

SALE: One K.W. cw phone smitter. 100th's modulators, 4- s in final. New Heath KW r supply, 3-30 mcs. BandH 50 speech amp. Console controlled, as screen regulator supplies, 7 deluxe Hammartone gray cab- fully metered. Mack Britton VR, P.O. Box 1711, Ocala, Fla.

MUST SELL at sacrifice before moving. ARC-4 tranceiver with Gov't maintenance manuel, dynamotor and complete conversion data, easily converted to 2 meters, excellent condition. $12.00. ARC-5, T-23 transmitter, 100 to 156 mc, excellent condition. $5.00. ARR-1, a part of IFF gear, easily modified for use as converter or preselector for 50, 144 or 220 mc., with complete conversion data and tubes, like new $6.00. ART-13 dynamotor mounted on control box with filter unit. relays, etc. brand new $10.00
All of the above well worth price of parts alone. Complete file of QST and CQ magazines from 1955 to present less about 4 issues, first reasonable offer takes them all. J. R. Henthorn W4ENP, 3956 SW 3rd Ave., Gainesville, Fla.

FOR SALE: Hottest 75A-1 in Florida $250.00. Jones Micromatch $35.00. Johnson low pass filter $15.00. DB-23 $23.00. Hy Gain Tribander 152T-3 $55.00. 40 foot crank up tower $50.00. TR-4 rotator $25.00. Bug $10.00. Bud FCC 90-B crystal calibrator $12.00. Eico 556 voltmeter $8.00. Ekotape tape recorder $50.00. And 5A1 has speaker and can copy anything from anywhere, cw am SSB. Russ Purks K4BCN, 8481 S.W. 32nd Terr., Miami CA-10285.

WANTED: Converter for 10-15 and 20 meters. Preferably with ac power supply. G. Bitterman W4QDD, 2731 S.W. 14th St., Miami 45, HI 6-6337.

FOR SALE: BandW - 5100B and NC-300, BandW standing wave Complete station less antennas. Like new. Jim Knight K4HGY, 1341 N.W. 7th Ave. Ft. Lauderdale. Phone JA 3-7291.

MUST SELL: Going to college. NC-300, speaker and xtal calibrator $200. Johnson Valiant $300.00. D-104, push to talk $25.00. Johnson KW Low-pass filter $10.00. BandW 5-position coax switch, dial mounting plate and knob $5.00. Darod Phone Patch model PP-100. $7.00. NEED DB-23 preselector. Mike Raskin, K4KUZ, 4523 Royal Palm Ave., Miami Beach, Phones JE 1-5193, JE 8-1037 or JE 8-2949.

WANTED: I am XYL of non-ham. I want to get my license but need help with my code. Can anyone help me? 7E. S. Gould, 3685 S.W. 26th St., Miami HI 6-1233.

FOR SALE: AF-67 Elmac with a.c. power supply. First $75.00 takes all. Elmer J. Bradley, K4AZQ, 11202 N.E. 9th Ct., Miami 38, Fla. Phone PL9-9052

WANTED: Chuck Bear K4TVA Enterprises, 6429 N. Glenwood Ave., Chicago 26, Illinois wants all his Florida friends to know he has a wonderful display of amateur jewelry and other unusual items for the amateurs at a fair price. Write for display sheet.

FOR SALE: GC-348 receiver in good shape converted to 115 volts a.c. Complete with original operation and service manuel. $75.00. C. J. Gorman, K4KRB, 14430 N.W. 12th Ave., Miami, Fla. Phone MU 1-3100.

FOR SALE: Model 625 Eico Tube Tester, emission type. Newest roll chart just received. In perfect condition, but am building up new mutual conductance kit. Send $27.00 and its yours. Reid Martin W4VDY, P. O. Box 1023, Tavares, Fla.

SWAP or SELL: Gonset 3-30 converter. GC-222 transceiver 6 and 10 meters. Less power. What have you? C. Bandy K4CZW, 3120 W. Hallandale Beach Blvd., Hallandale, Fla. Phone YU 3-4945.

FOR SALE: Complete mobile rig, AF-67, Gonset Super Six with Gonset Super Ceiver, 600L mike, PE-103 with all cables and relays $225. Also Hallicrafters S-106 six meter receiver $40.00. Bob Cole K4LZW. 4708 Wisconsin Ave., Tampa, Fla. Phone 65-4653.

FOR SALE: Gonset III, two meters, push-to-talk, antenna, cables, manual and xtals. Ready to go. Works on 6, 12 dc or 115 v.a.c. Mobile or home operation in minutes Perfect for emergency work. $195.00. NC-125 with matching speaker, manuel and phones. Looks and works like new. $95. Two heavy duty 30 ft. antenna masts. $8.00 each. Dow-key electronic switch with power supply. Perfect for SSB or CW breakin, $12 Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

WANTED: More HAMBARS. Get them in before our 15th deadline Make the little lady happy — don't forget Christmas is not far away. Skipper, Box 501, Miami Springs 66.

FOR SALE: Emergency power plant in good condition, 2 KW Pioneer, 5 HP Briggs engine driven with twin belts, less than 50 running hours. Strong tubular frame. This is not a Govt. surplus, but is a commercial plant. List price over $400. Will sell for $175. John F. Porter W4KGJ, 6890 S.W. 51st St., Miami 55, Fla. MO 1-2914.

FOR SALE: Gonset G-77 transmitter in like new condition $175.00. Earl Carter W4HYW, 910 Oriole Dr., Miami Springs 66, Fla. TU 7-4001.

FOR SALE: Johnson Valiant factory wired. Hallicrafter 101. Mark 3 receiver. Hornet tri-band beam with rotor (new), coax cables, coax relay, control cables etc. Mrs. Samuel C. Morell, 525 W. Minn. Ave., Deland, Fla. (Widow of Col Samuel C. Morrell, W4OMA.)

FOR SALE: Central Electronics 20A, factory wired with QT-1 and BC458. $190.00. Nat Stinnette W4AYV, Umatilla, Fla.

WILL TRADE: Army Hallicrafter receiver with 14 tubes, R-44/ARR-5 with 110 v.a.c. power supply. Tunes 27 through 145 mc in three bands. Motorola 2 meter transmitter 6 volt build in power supply. 30 watts, will trade for NC-183D or equal receiver. Sam Parker, W4LIS, 1515 Park Circle, Tampa, Fla.

WANTED: From dealer or private party, new or little used SX-111. All replies confidential. State best cash price, FOB St. Pete in letter to Jim Dillman K4USK. P.O. Box 4159, St. Petersburg, Fla.

FOR SALE: Pair 810's, used but like new $4.00 each. 1—4-250A (RCA) $30.00. 3—6146's (RCA) $4.00 each. Power transformer 3000 V at 300 ma $20.00. Mobile mike sure CB12D, 4 pin plug. $7.50. CW xmtr pr 809's in final. like new. $30.00. Moving to new QTH XYL sez we ain't got no room fer em. Ham guest register books $1.25 postpaid. G.H. George W4PJU, Box 1253, Clewiston, Fla.

WANTED: One commercial built 6 foot rack. FOR SALE: 300 watt modulation Thordason transformer $30.00. 600 watt modulation UTC transformer $65.00. Ed W. Vernier W4HTH, 6935 — 9th Ave. North, St. Petersburg, Fla.

FOR SALE: Master mobile Ultra Hi-Q coil for 15, 20 and 40 meters, each one $3.00. 96 inch whip antenna $3.00 Dr. Eugene Blake, K4OHR, 1806 Gibbs Dr., Tallahassee, Fla.

FOR SALE: DX-100. Cleanest in Florida, inspect it, cash only in St. Pete area. All modifications including SSB conversion, dual meters, power reducer, spotting switch, complete vernier tuning of VFO, driver and final stages. This rig absolutely stable after warm-up. Spotless condition. Best offer ove $200.00. SB-10 in perfect condition with latest modifications as companion unit only. S-76 $90.00. S-40B with S-meter and external speaker $65.00. S40-B unmodified $55.00. Johnson TR switch, needs work $15.00. Knight kit tube checker $25.00. Jim Dillman K4USK, 356 — 41st Ave. North, St. Petersburg.

FOR SALE: MOTOROLA transmitter model FM TU-30D. Put in your xtal and go on 2 meters. Ben H. Whitten W4ZMK, 32 S.W. 8th Court Delray Beach, Fla.

STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, AND JULY 2, 1946 AND JUNE 11, 1960 (74 STAT. 208) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF

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1. The names and addresses of the publisher, editor, managing editor and business managers are:

Publisher Henry R. Hoffman, Route 2, Naples, Fla.

Editor Andrew C. Clark, 41 Lenape Dr., Miami Springs 66, Fla.

Business manager Elizabeth S. Clark, 41 Lenape Dr., Miami Springs 66, Fla.

2. The owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 per cent or more of total amount of stock. If not owned by a corporation the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual member, must be given.) FLORIDA SKIP Inc. (Non-profit Corp.), Post Office Box 501, Miami Springs 66, Fla.

Andrew C. Clark, President, 41 Lenape Dr., Miami Springs 66. Fla.

Elizabeth S. Clark, Vice President, 41 Lenape Dr., Miami Springs 66, Fla

Nat L. Williams, Secretary-Treas., 710 Ainsley Bldg., Miami 32, Fla.

3. The known bondholders, mortagees, or other security holders owning or holding 1 percent or more of total amount of bonds, mortages, or other securities are: (If there are none, so state). None.

None.

4. Paragraphs 2 and 3 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting; also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as tructees, hold stock and securities in a capacity other than that of a bona fide owner.

5. The average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the 12 months preceding the date above was: (This information is required by the act of June 11, 1960 to be included in all statements regardless of frequency of issue.) 1500

Andrew C. Clark
Editor

Sworn to and subscribed before me this 10th day of October, 1960.
(SEAL)
Elizabeth S. Clark
NOTARY PUBLIC

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

In the future if your SKIP is returned to us by the Post Office Department we'll be forced to remove your name from our mailing list.

RACES . . . .

(QSY'd From Front Page)

such an emergency.

It was clearly demonstrated that the emergency communications systems so desperately needed were sadly lacking. This was at the county level, where the basic requirement for coordinated operators in an emergency is paramount. It is at this level, at home, that the greatest service can be rendered first. It is here that the protection of life and property is the first thought in everyone's mind.

The need for VHF systems, on 6 and 2 meters, frequencies that are best adapted for the general short haul circuits required in a county, are desperately needed. The use of long haul frequencies to perform such operations is a basic misuse of spectrum allocations, and corrective planning should begin immediately to establish such systems.

There are definite requirements for long haul circuits in such an emergency, but the basic communication function of such circuits is limited during the actual passage of a hurricane. Such circuits are needed to provide coordination of emergency operations between counties, and from counties to area control points within the geographical area affected. The necessity of stations hundreds of miles away from the emergency area cluttering up the frequencies cannot be reasonably justified. There was too much talking and not enough listening.

Emergency power capabilities were sadly lacking, and resulted in complete loss of communications when commercial service was disrupted. You just cannot have too many emergency power generating units in your systems.

Tremendous effort was expandpanded and invaluable service was rendered during "Donna," but much of the effort was ineffective due to lack of coordination and planning. Quantity is not the answer to good emergency communications. Quality is and always will be.

Many valuable lessons were learned during Donna, and should result in careful planning and coordination to provide effective and efficient emergency networks to meet future situations such as this destructive storm. Read Section 12.156 of Part 12, Subpart A, of the Amateur Regulations. It is valuable information on operation in emergencies.

Art Melvin, W4UHY
State CD Communications Officer
Jacksonville, Fla.

6 METER BROWARD COUNTY NEWS

By Fran Adams K4PPX

K4HIL — Herman hoisted a representative of the State Fireman's Assc. on the air to meet B.E.N. who was seeking communications information from net members.

K4SWK — Tom in Deerfield is putting in a nice signal. W4KVU — Jim is usually found on the CW portion on CW of course. K4QJP — Val and W4HGT — Pat will be moving into a new home shortly.

W4LPR — Adele and W4IMZ — Red are now in their new home. Good luck. K4VGD. — Jean can be heard reading the ARRL bulletin Monday nite net.

K4RCV — Bill and K4RCX — Jeri have bought the home they lived in for 13 years. Jeri is busy painting while Bill is loafing at the store. Hi. That big noise you hear nowadays is W4NUT — Geo. is not back home. Geo. got a 56ft. tower and then burned up his Seneca. Why Geo. ???

K4PPX — Fran and K4QQE — Arch have received their Hootowl certificates. If you would like this certificate check in Saturday Midnight till 0100 about 50.400 mcs. Join in on the fun and meet the gang.

K4QYB — Norm just returned from Lake Placid. Says he caught some big ones. K4IQS — Chuck and K4ACF — Nancy are now using a ground plane instead of their beam. K4CRU — Phil has passed his general and still can be heard on 6.

W4ETH — Ronnie hasn't been heard of could be he just got married. Good luck Ronnie and Barbara. Heard a stranger last month K4RHZ, welcome back Frank. W4LLX — Tommie has new beautiful QSL card to pass out.

The BEN has received a nice thank you letter from the Board of County Commissioners for our work during "Donna."

Dear Mabel . . . .

(QSY'd From Front Page)

Dear Ex,

It is usually pronounced "Clide" to rhyme with "wide" but here in the South they say "Clod." Come to think of it, they called him that up North, too.

* * *

Glad to see your questions coming in, so don't stop. If you need a wise old head, ask Mabel. She has an extra one. Write to Mabel c/o Florida Skip, P.O. Box 501, Miami Springs, Fla.

DX IN FLORIDA

By W4LVV

Florida's DX gang seems to be slowly recovering from the effects of Donna. One by one we hear of antennas going back up, and choice items are again trickling in. Fellows — please! — send in your items on the tenth of the month. Usually, we get some really good items around the fifteenth or a little later. This puts it beyond our deadline, and by the time the next issue is ready, these good items are "cold" and can't be used.

Don't pass up the "dead" bands these days. With the lower sunspot numbers, there will be many days of apparent bad conditions. These are the days when very careful long listening periods will pay off with really choice DX. During October's "blackout," FR-7ZD was found several times on the low end of 20, around 0300G, calling CQ with a good signal with few answers. Working his was as easy as the proverbial 'shooting fish in a barrel." LU-2ZA, South Orkney, had few takers. ZS1RM/ZS8 on 14 cw (a yl op!) was not being pushed very hard. Ten fone was occasionally wide open for Africa in mid-morning. Fifteen fone opened (of all times!) at about two in the morning (0700G) with a ZD9 as the most choice morsel. VQ1SC and VQ1HT provided many with their first from Zanzibar, but many of their CQs went unanswered. 9N1SM occassionally took time out from skeds to work some of the W gang on 14285 SSB, around 1300G. Keep those dials rolling!

K4PDV reports that Gus, W4-BPD, is on his way to VQ9, so by the time you read this, you should be smiling or cussing your luck. Watch for his activity in VQ7, a new DXCC spot. Danny should be about to wind up his HC8 operation and ready to leave for Clipperton as FO8AN. The VP9/W2 trip to British Virgins should have added that one to your list. K4PDV mentions JT1-KAC, 14097, 1400G for you WAZ hunters. He also reports that DXer John, VP7BT/W6MHB has moved to ZD7, with high hopes that he may talk the authorities into a ticket. K4YWZ, 192/150, with new ones VS6BE, (SSB 14198 1200G) JZ0PO, ET3AZ, VQ8BC, VQ0WH, all 20 CW, and FF4AB on 15 fone mentions CR-9AI on 10 fone, long path, 28,200 in the morning. K4LRA, QSL manager for ZK1AR, collected info from that station that VR3L is available on 15 fone between 0300 and 0600. VR3KD likes 20 CW as does ZK2AD when he gets on. VR4BW gets on 20 cw but his few watts makes hi hard to work. Watch for ZD2 KHK, due in British Cameroon this month. He will be "new" fo DXCC. ZD8CZ has been reporte on 14080 — anyone work him ge the QSL? K4LRA received QS from FG7XH, direct. W4CKB ha some of the logs from VP2ME W4PJG had bad luck with Donn As he let down his beam, th tower collapsed, wrecking bot beam and tower. W4GMR lost hi quad, but says he was ready t put up a new one anyway. W4 AZK got his quad down, bu flying debris wrecked it on th ground. W4LQN had his bea distorted a bit, with the thrus bearing plate bent, after he los power. Before that, he was abl to keep the TH4 heading int the wind with no damage. W4 UHC at St. Augustine had bean damage.

The Florida DX Club and Dad Radio Club gang in Miami ha a chance to see the movies o the Malpelo, HK0TU, expedition thanks to W9EVI. At the DX Club showing, HK3LX, Ed, wh was along on the trip, gave hi personal comments to supplemen the sound tape prepared by W9 DUB. This gang is preparing t attack the big rock again durin the latter part of January. Als coming up in January is a pos sible dxpedition to Navassa KC4. K4LRA will probably go along on this one. We hope t have one or both of these dx-pedition crews at the Tropical Hamboree on January 14 and 15 during the DX meeting.

Don't pass up ZC4SS — there is every sign that the British Area of Cyprus will get "new" status for DXCC. With all the "new" ones, wonder who will be first in Florida to go "over 300?"

73 and C U next month
Chuck

W4DQS DOES IT AGAIN

Top man in the July CD (Co munications Department - ARR party in the USA was Da W4DQS of Cocoa. With the a most unbelieveable score of 199 950 points he walked off wi all honors!

Others were listed as follow E. Fla. K4RAD 104,780; K4GB 4 61,200; W9OWZ/4 44,29 W4LDR 34,800; K4KDN 22,8 and W4UHC 5,390. West Floric mustered up: K4UBR 129,50 W4MLE 103,125 points reported.

When you hear the ban "alive" with "CQ CD" you know whats going on. For infor mation on ARRL appointmen drop your SCM a card. (Floric SCM's on page 2.)

FLORIDA SKIP

A Non-Profit Organization

)L. 4 No. 7 | The All Florida Radio Amateur's Publication | DECEMBER, 1960

Season's Greetings

To All Our Friends

Here is the official presentation of our Florida Skip Awards to LCDR. Minton (for CN8GI) and UTC Wright, CN8GJ by Capt. J. L. Counihan, Commander Naval Activities in Moroco, while our SKIP CN8 correspondent, Tommy Hall, K4SDC/CN8(right) looks on. The award was made because of the outstanding emergency communication job done during the Agadir Earthquake. (Official U. S. Navy Photo.)

Dear Mabel,

I've been so worried about you since the hurricane. Please write and let me know how you and Clyde made out. It must have been rough since you live so close to the water.

We came through it all right, but you know Mabel I think Bob gave me more trouble than Donna. He stayed fairly calm, I thought, handling Net Control with so many "Top Priority" messages. And it was a sort of night and day, day and night arrangement with only a few hours sleep. You know how they get when they lose a few hours sleep, even if it is because of ham radio. I remember one time during a contest — well. I'd better not go into that right now.

I think the worst time was when the generator ran out of gas. We had two five gallon gas cans, both empty. Bob had to siphon gas out of the car. I'm telling you Mabel, I could have

(QSY To Back Page)

MY DONNA STORY

BY Frank Ireland, K4UUO

At 0530 a. m. Saturday, September 10th I received a call from Coral Gables Police Department with a request from the Associated Press for any contact with the Florida Keys. As I reached the ham shack outside as the commercial power went dead. I dug out my 3KW generator and with the aid of my neighbor's power mower we finally managed to get on the air. After several tunes across 40 I ran across K4JR, Paul in Marathon sending ARRL distress calls QRRR. It was 1240 p.m. He was the first communications out of there in 10 hours. K4ENN/M was on all day and night until Donna took away his antenna, and was forced to return to Miami.

Paul gave me a fast rundown on the conditions of his equipment and the conditions of Marathon. His station was set up in a Power Company Bldg with 2 feet of water in the room. He

(QSY To Back Page)

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for my yearly membership to Florida Skip. New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

MOBILE HUNT:

Ever hunted for a pencil while mobiling? Keep one on the top surface of the dashboard. A piece of magnet from an old speaker will stick to any convenient location on the dash.

An ordinary wooden pencil with about 3 wide-spaced turns of bailing wire or equivalent (not copper) around the shaft will cling to the magnet. For long trips a piece of scratch paper can be placed beneath the magnet, which will hold the paper enough for quick operation notes.

(From Nov. — "STATIC")

FLORIDORAS YL ACTIVITY

Fran Adams K4PPX

The Floridoras now have 86 members. Certificates: No. 138 to K4DI; No. 139 to K4RBR.

The Sunday YL Business Girls Net is started up again and K4-UIZ-Ev invites all YL's to check in 7225 kc at 0900.

Remember gals, Our 1st Floridoras YL Week Jan. 8th thru 15th 1961 is drawing near. Let's all join in on the fun and spread the word amongst the other Floridoras. Let's keep all the bands active with Floridoras Jan. 8 thru the 15th, 1961. . .

W4HRC-Little Bo is now the Floridoras permanent custodian. Happy Birthday Floridoras:

Dec. 4-K9MMS-4; 5-K4PNH, 9-W4HRC; 20-K4FYA; 23-W4HGT: 24-W4LZI . . .
Please Add to your directory.

Mary Spencer K4CWV 317 Ave. "G", SE Winter Haven, Fla. Birthday Oct. 14; joined 4-5-59. Phone: Cypress 4-2263. Housewife . . . Hobbies: Golf and painting . . ARRL . . . Novice 1958 . .OM K4CXF-Fred . . .

This was left out due to an oversight and we are all very sorry Mary, and would like to apologize.

FLORIDA SKIP 50MC HONOR ROLL

		S	C
W4KKU	Miami	48	
W4GJO	Sarasota	48	23
K4HNS	Miami	48	12
W4CQP	Hollywood	46	26
W4EQR	Pensacola	46	
K4HIL	Pampano Bch	46	17
W4FNR	Ft. Lauderdale	45	19
W4QN	Orlando	44	
W4RMU	Jacksonville	44	17
W4IUG	W. Palm Beach	43	14
W4HZG	Hialeah	42	12
W4AYV	Umatilla	42	
K4QHN	Sarasota	42	
K4GKL	Miami	41	15
W4LIP	Miami	41	
K4QXB	Miami	41	
K4PPX	Ft. Lauderdale	41	6
W4FBL	Jacksonville	40	12
K4SCS	Miami	39	10
K4HSW	Miami	38	9
W4CIL	W. Palm Beach	38	5
W4EHV	Miami	37	
K4KUY	St. Pete	37	
K4DMB	St. Pete	37	
K4MVJ	St. Pete	37	
W4AKB	Miami	37	5
W4MBJ	Jacksonville	37	
K4QQE	Ft. Lauderdale	37	6
W4GWF	W. Palm Beach	36	
K4AGM	Pensacola	35	
K4DZP	Hialeah	35	
K4UGA	Hialeah	35	5
K4RXV	Hialeah	35	5

(Note — S— state, C —country.)

TUNNELING PRINCIPAL APPLIED TO STRAIGHT DIODES

The amazing principal of the tunnel diode has been applied to the ordinary rectifying diode. This results in a rectifier with very low forward resistance. An application is the rectification of extremely low voltages, something ordinary diodes do not accomplish well.

The new diodes are not expensive. $4.00 for germanium or $7.90 for silicon.

(From W5RRN)

Andy Clark. W4IYT, Editor
P. O. Box 501 Miami Springs

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FLORIDA SKIP CORRESPONDENTS

Feature, W4TAS, Hank McMurria, 3200 Avenue "A" West, Bradenton.

R. A. C. E. S., W4UHY, Art Melvin, 1023 Brandywine St., Jacksonville.

SILENT CARRIER

Hal Shea, W4BKC

Harold P. Danforth W4NW former President and General Manager of WDBO Radio and Television stations, passed away at his home 22 Interlachen Rd., Orlando, Florida on Monday, October 31, 1960.

During World War II he served for awhile as communications officer on the staff of Admiral Wm. F. Halsey and on the staff of Admiral T. S. Wilkinson in the Pacific-Asiatic theater. He held the Purple Heart medal and the Pacific-Asiatic medal with three stars.

W4NW served twice as Master Oscillator of the Knights of the Kilocycle, and was a very faithful member of the organization for a considerable length of time. He was an honorary member of the Orlando Amateur Radio Club, Inc. and as Civil Defense Communications Officer helped in securing the funds for the purchase of radio equipment for the C.D. Communications Section. His passing will leave a large void in the amateur ranks and will be keenly felt by his many friends in the Ham fraternity.

DX, W4LVV, Chuck Bolvin, 22 SW 27th Lane, Miami 33.

Net, (FPTN) K4LCF, Herb Zeigl Box 12, New Smyrna Beach.

NOVICE-FORUM. W4UHF, H. R Scott, 3607 Omar Ave., Tampa

VHF in Florida. Allen A. Englema W4RWU 2442 Pine Estates Road S Jacksonville 8, Fla.

Net. (FMTN) W4GJI, Tip Curran, Box 48. Palm Beach.

Net, FAST and Sidebanders of Flo ida, Bert Witham W4CNZ Quarte R-6, USN Station, Key West.

Net, Dade DEN-6, Walter Stock W4HS, 7400 NE 6th Ct. Ap 6, Miami 38.

VP7 Land. VP7BH. Bill Morris, NAA c/o PAA Eleuthera AAFB Patrick AFB, Fla.

Mabel, P. O. Box 501, Miami Springs 66.

Club. W4BKC, Harold Shea, 7 Columbia St., Orlando.

Club, W4LJM, David Nelson, 2 Pomaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferr 1364 N.W. 23rd Ct., Miami 35.

Club, K4BY James D. Felsenheld, 3401 27th St. West, Bradenton.

Club. W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, K4GPJ, Red Clotfelter, 660 60th St. Hialeah.

Club, Fort Myers, Ken Stewar W4SMK, Box 1745, Ft. Myers, Fl

Club, Lake Co., Irene Conklin, K4LP RR 2, Box 466, Bassville Park, Lees burg, Fla.

Club, K4RXD, Betty Darsch, 27 Ave. P. N.W., Winter Haven

Club & Net. Suncoast VHF. Clyd London K4EUJ, 4829 Caesar Wa So., St. Petersburg.

Club. South Miami. Joe Caplano Jr K4VFW, 10263 SW 34th St., Miami.

Club, DBARA, K4RNS, Marg Camp bell, 24 Palmetto Dr., Ormond Beach

Club. Broward, K4PPX, Fran Ad ams, 1000 SW 31st St., Ft. Lauder dale.

Club. W4IET. Bob Street, 116 Iro nois Dr., Miami Springs 66.

Club. W4MVY. Jerry DiGirolamo 216 Doris Dr., Lakeland.

FLORIDORA NETS. K4PPX, Fra Adams, 1000 SW 31st St., Ft. Laud erdale.

Hint & Kinks, K4UGC. R. V. Fred erick, 460 NW 108th Terr., Miami 50

Net, Hillsboro AREC 6M. Net K4LLG Joe Mills Jr., 3622 S. Huber Ave. Tampa.

SCM E. Fla. ARRL. John F. Porter, W4KGJ. Box 7205. Ludlam Branch, Miami 55.

SCM — WEST FLORIDA. FRAN M. BUTLER JR., W4RKH, 49 Elliott Rd., Ft. Walton Beach, Fla

FLORIDA SKIP NOMINATING COMMITTEE: Fran Foley W4BIL 14698 — 63rd Way, No. Clearwater Herb Hamilton. K4KDN. 1524 So Lake Howard Dr., Winter Haven

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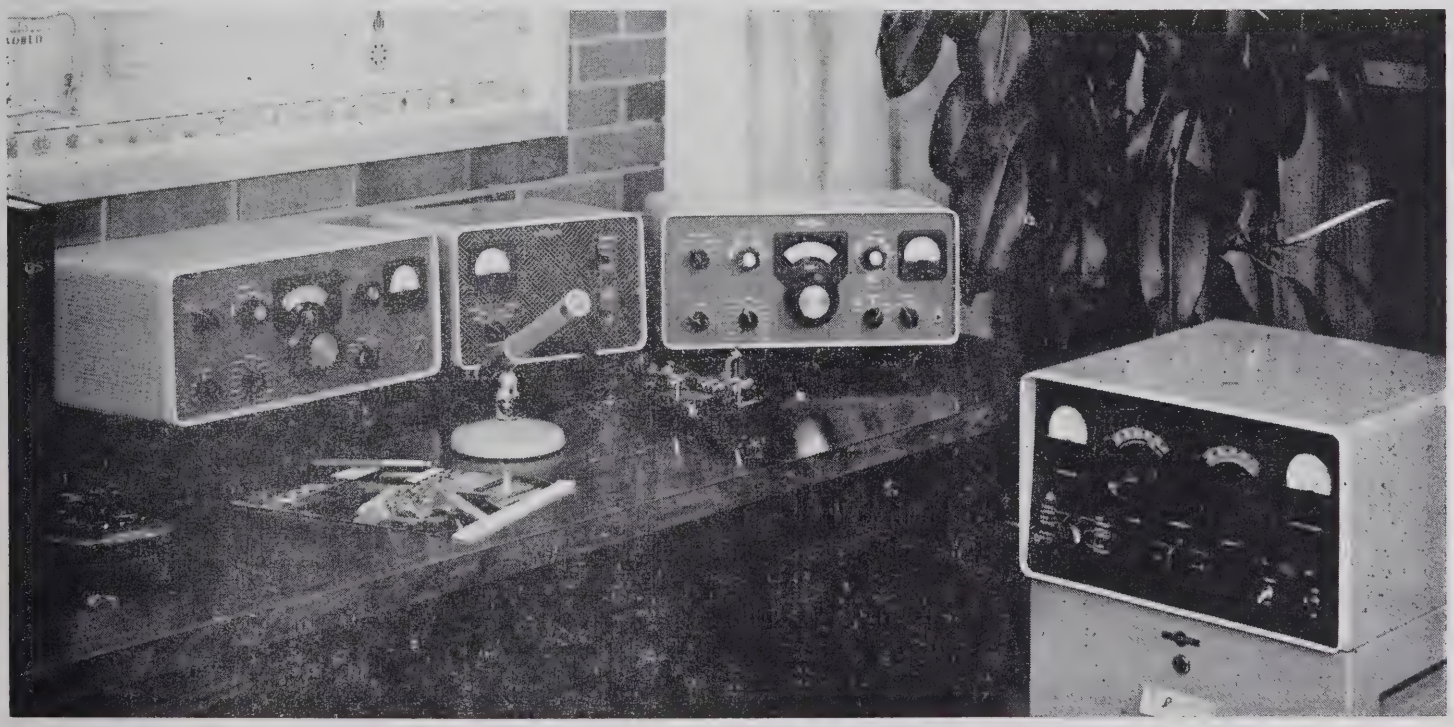
$ 133.00 down

No down payment if you have a suitable trade-in.



10 DAY TRIAL — UP TO 36 MONTHS TO PAY — MONEY-BACK Guarantee
Whether it be BUY, SELL OR TRADE, ARC will give you the best deal anywhere. You will get every buying advantage at A R C.

Amateur Radio Center, Inc,

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Miami 37, Florida
Phone FRanklin 4-4101

SEASONS GREETINGS
FROM
W4WSJ and W4AZQ
Wiley Elmer

TROPICAL HAMBOREE

MIAMI BAYFRONT PARK AUDITORIUM **JANUARY 14 and 15** **Saturday and Sunday**

BIGGEST HAM EVENT OF THE YEAR
IN THE SOUTHEASTERN UNITED STATES

A Real Ham Jamboree, with
A First-Class Manufacturers' Show

- **HAMFEST?** — Yes! 2 Days of Fun and Frolic under the Tropical Sun on Beautiful Biscayne Bay

- **MANUFACTURERS' SHOW** — Thirty booths — Bigger and Better than last year — Receivers, Transmitters, Towers, Antennas by nearly every Major Manufacturer. Herman's, Walder's, A. R. C., and Electronic Wholesaler's are cooperating to show many additional items. Two booths especially for Novices and Beginners.

- **Tech-Talks, Demonstrations, Forums, Contests:** — VHF — SSB — DX — M. A. R. S. — "Bull" Sessions — Old Timers' Meeting — "QLF" Contest — Hear W2NSD on "Sex and Amateur Radio".

- **HAM AUCTION** — Each afternoon — warm up for the Broward Club Auction in March.

- **PRIZE DRAWINGS** — "Early Bird" (Winner must be present) at 10 a.m. each day — triband beams. Combination 6 and 2 meter beam — winner must be registered in VHF Guest Book —. Additional drawings every hour.

- **Grand Finale Main Door Prize:** Complete SSB/AM/CW station — HT37, SX111 Speaker, Mike, Key, Antenna, Log book, — even a pad of "Skip" message blanks!
  (Winner of this prize need not be present)

HAMBOREE REGISTRATION TICKET admits holder to all events listed above for both days — $1. — ORDER YOURS NOW — 50c each, until January 1. (limited 40 tickets per person at this price)

BIG SATURDAY NIGHT BANQUET at BISCAYNE TERRACE HOTEL

- Pre-Banquet Reception — 6:30 p.m.

- Gala Banquet, don't miss this festive event — 7:30 p.m. — ONLY 325 TICKETS AVAILABLE

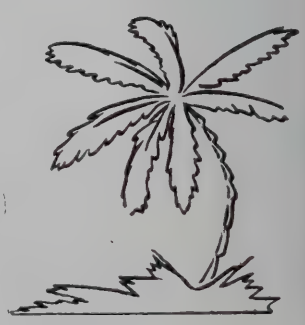
- **SPEAKER:** Gus Browning, W4BPD, fourth call area top dxer describing his July-December dxpedition through Europe, Africa, Indian Ocean, and "Behind The Iron Curtain" with movies and slides.

- **SPECIAL PRIZE DRAWINGS** — Pair of round trip airline tickets to VP7, good anytime in 1961 — special drawing for YLS and XYLS only.

BANQUET TICKETS — $5.00. Group Seating by Advance Registration — only (minimum group, 16)

RESERVATIONS for Ham Guests at the HAMBOREE Headquarters Hotel, Biscayne Terrace Hotel should be made early — specify HAMBOREE RATE: $8.00 Single, $10.00 Double.

TICKETS: Your Local Distributor, Radio Club, or write Hamboree Committee, P. O. Box 104, Miami 1, Florida



TODAYS MOTTO

LOS ANGELES (UPI) The Let's Have Better Mottos Association announced the winning motto for the month of October: "Keep frowning — you'll get credit for thinking."

Runners up included:

"I said maybe — and that's final."

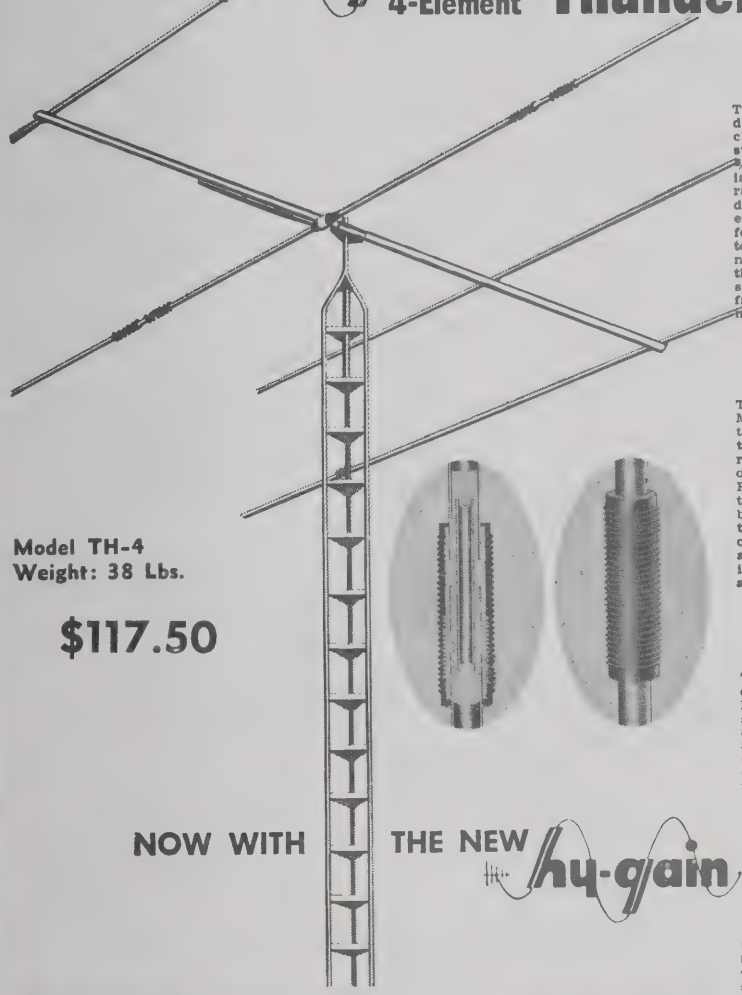
"I'm not lazy. I'm just tired of making progress."

"No matter what I do, somebody always knew I would."

"You can't fool me — I'm too ignorant."

(Eitors note: Do you have mottos? Send it along and we'll start a new column in Skip. It might bring a chuckle or two.)

ALL NEW hy-gain 4-Element Thunderbird tribander



Superior Construction

This completely new Hy-Gain Thunderbird tribander sports startlingly clean lines of all aluminum construction (2" OD boom, 1¼" to ¾" dia. elements). All hardware is iridite treated and the entire array is 100% rust proof. Heavy duty plastic bracket assemblies eliminate U-bolts . . . Rugged new formed steel fixture secures boom to mast. Completely pre-tuned with no further adjustment necessary, the new Thunderbird is of clean, simplified design; goes together from complete instructions in a matter of moments.

The Beta Match

The new and unique Hy-Gain Beta Matching System is completely factory pre-tuned and requires no further adjustment . . . Use of this revolutionary system permits design of the array for maximum gain and Front-to-Back with no compromise to facilitate matching. Exceptional bandwith maintains low SWR over the entire band, at resonance 1.05 on 10 Meters, 1.15 on 15 Meters, and 1.1 on 20 Meters. The dipole is grounded for lightning protection and shunt fed with 52 ohm coax.

Model TH-4
Weight: 38 Lbs.

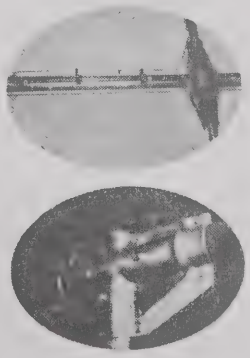
$117.50

Solid State Slim Traps

The new Hy-Gain Slim Trap (1¼" diameter) is the world's smallest, lightest weight trap assembly, assures minimum wind loading as well as a trim and clean line silhouette against the sky. Its high efficiency coil and capacitor circuit is wound on and completely imbedded in the new low loss polypropylene plastic.

NOW WITH THE NEW hy-gain SLIM-TRAPS

It is unconditionally guaranteed to be completely impervious to all weather conditions and to withstand 1000 watts AM or 2 KW (PEP). It is a completely solid state integrated assembly which is stronger than the element tubing itself.



Gain and F/B Ratio

Hy-Gain's high Q Slim Traps result in minimum element loading and true full size performance . . . Longest element is 32 ft., full sized 16 ft. boom spacing, interlaced 10 Meter reflector and the Beta Matching System all make possible 25-30 db Front-to-Back Ratio with 8.0 db Gain on 10 Meters, 8.5 db Gain on 15 Meters and 8 db Gain on 20 Meters.

Guaranteed for One Year

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SOUTH MIAMI AMATEUR RC

South Miami Radio Club had a picnic in conjunction with Everglades Radio Club November 13 at Florida City Municipal Park. Proposed September picnic blown away by "Donna."

Dick Levin was elected treasurer to fill unexpired term.

South Miami Radio Club certificates (worked five members) have been sent to 200 HAMS, the second to a Russion ham sent out last week.

October 14, four members visited Everglades Radio Club at its new QTH 1116 N. Krome Ave. Homestead.

Former member Jerry Freeman, K4SZO, now FCC engineer resident at New Orleans. New call W5CME, XYL's W5SEX! !

Our meetings are well attended. 37 HAMS and 12 XYL's at November 4 meeting.

CUL Jack K4BZT

WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

Tallahassee: MLE is new EC, with K4VLE as Asst. They have done FB job organizing hams in that area to meet any emergency. A revised RACES Plan has been submitted, and a directory of hams in the area published.

Steinhatchee: UZB, local EC, held his S.E.T. Oct. 15th, with 8 AREC members taking part. Perry: KQP has 37 members in his H.S. Radio Club.

Marianna: Hams are setting up a radio net to link Florida School for Boys here with 6 other similar schools throughout the state.

Quincy: K4QDN has joined W. Florida Phone Net, running 40w. Defuniak: HQN had 294 QSOs in 62 sections during last CD Party. Bill's antenna farm includes five V-beams, each with 700' legs! Separate KW rigs are used for each band.

Panama City: 29.560 is becoming more active, with 15 stations checking into PCARC Net. K4AHV and K4FQQ are mobile on 10. K4BOE/BOI have a new tri-band beam. K4CXG is back on with an ARC-5; and 813 rig is brewing.

Gulf Breeze: K4ZMV is increasing OBS schedules, and hunting DX on 20 and 15.

Pensacola: K4HYL scored high in Sept. FMT for OO's. New VHF Club officers are LGC Pres. K4QZP V. Pres., RWY Sec'y., and K4FTI Treas. VHF Ham of the Year award was won by EQR. Much traffic was handled at the Fair radio booth set up by PARC and VHF Club. W1 HGL keeps NAS Club station hot, handling traffic and phone patches.

DX IN FLORIDA

By W4LVV

Gremlins are haunting the DX bands these days, giving the pile-up hounds many a grey hair. Just as Gus, W4BPD, left for VQ7-VQ8 to put some new countries on the air, some wicked storms hit the Indian Ocean area. Gus reported that the boat, a fifty footer, had water ankle deep in the radio room, and this put an end to part of the planned trip. As of deadline time, Gus was signing VQ1A and heading for 601 and FL8 the following week.

9N1CJ, after having many requests for CW contacts, set up a special schedule to listen for CW calls around 14010. On the day scheduled, the generator went sour. Again the schedule was set for the following week. This time, 14MC was just recovering from a spell of sun spot illness and signals from his area were really down in the mud.

The Sweepstakes, first weekend, were fought in the midst of a bad blackout, but around 0900 GMT, while twenty was otherwise dead, K4YWZ and K4LRA found VR6TC at about 14160 AM fone. He had just returned to the island and this was his second day on the air. You can expect the VR6s between 0700 and 0900. VR6AC should soon be on with his HT37.

K4YWZ now totals 207-159 and says he has tied K4YCW. Some of his recent catches were ZL4JF, VKIT (Macqarrie) on 14 cw, 601 TUF on 21 AM, CR5AE on 21 CW and FQ8HO on 14 CW. K4-LRA reports that those looking for SSB DXCC can find UP2CG around 14322. Gerry also passes along info that HS1E can be reached at P.O. Box 23, Pinedale, Calif. for those who still need his QSL. From W4AZK, the qsl address for VP8EV is G2RF. W4-LVV received a qsl direct airmail from FQ8HW (Tchad). Three IRC did the trick, and brought the total to 280-279. Danny was due to open for business at FO8AN on Nov. 21.

73 & CU in January at the Hamboree Chuck.

ANOTHER "PAT"

ANOTHER "PXY"

From K4PXY in St. Pete comes the following: W4PXY was issued to a YL in Miami by the name of Pat. My name is Pat. If she has a general ticket she may get my cards and I may get hers since we are both in Florida with the same name and same call — well almost!

TRAFFIC HOUNDS

EASTERN FLORIDA (Oct.)

K4SJH	675	W4CNZ	38
W4SDR	255	K4AKQ	38
K4LCD	226	K4MTP	32
K4LCF	218	K4FMA	30
K4KDN	200	K4YOQ	27
W4IYT	158	W4SGY	26
W4TRS	132	W4LSA	25
K4ILB	132	K4BOO	24
K4BY	100	W4DPD	16
W4AKB	72	W4SMK	18
W4GJI	70	W4LMT	24
K4IWT	70	K4OSQ	13
K4DBT	68	K4DAD	11
W4BKC	59	W4DQS	8
W4LDF	49	W4LVV	6
K4BLM	48	W4SVB	6
K4RNS	46	K4VNA	15
W4IWM	45	W4NVV	5
W4NGR	39	K4TDN	4
		K4DSH	3

Total traffic for month was 3031 with only K4SJH making BPL. Section Nets reporting were. FMTN-390, FPTN 298, TPTN-159 and GN-133. Non Section Net reporting was Fast Net - 34.

Late of missed reports for Sept.

K4UUO 1076
W4NDJ 357
K4EHY 244
W4GOG 23

		W4KOU	98
		W4LVV	24
		W4CKB	20
		W4RMU	1

WEST FLA. (Oct.)

K4SWQ 218
W4HQN 36

		K4VND	25
		K4DAD/4	11
		K4ZMV	6

EX-CALLS

W4LZT ex W9VLI, W9BQR, W5URT.

W4BP ex MS (1913) 8BIQ 8BO W4CNZ.

K4KEG ex DL4CG
W4ELR ex 8BEL
W4SKF ex W1WON
W4LDF ex W7SUI

Have you sent in your ex-call? If not send it along and we'll be glad to let your friends know which call you are hiding behind. Skip, Box 501, Miami Springs 66, Fla.

FLORIDA SKIP AWARD

Last month we printed a list of amateurs who have received the meritorius Florida Skip Award for outstanding service to the art of Amateur Radio. Here is another list of award winners. See page 2 for the Nominating Committee:

21. W4LJM	26. K4SJH
22. W4DPD	27. K4KQY
23. W4COZ	28. K4OBS
24. W4SMK	29. W4KPO
25. K4DRO	30. W4WDX

HILLSBOROUGH AMATEUR RADIO SOCIETY

HARS is progressing very nicely. We had our chater returned and everything is in fine shape and we're now officially in business as "Hillsborough Amateur Radio Society, Inc."

November 1st turned out the following officers: Pres. Ray Murphy W4BNE; V.P. Roy Scott, W4UHF; Secty. Ike Berenguer, K4SMV; Treas. Roy Reed, K4-IAL. Board of Directors: (3 years) W4EFK, Y4NQX and W4-MIG. (2 years) K4EHZ, K4QNX and W4LPB. (1 year) K4OUD, EDZ and LUC. Membership, Jim Apsey, K4YOQ; Educational, Al Strong, K4JWQ; Publicity, Roy Scott, W4UHF; Technical, Phil Bascome, W4AQ; Programs, J. G. Wood, Finance, Roy Reel, K4IAL; and Parliamentarian, Paul Young, **W4NQX.**

We were honored to have Col. Ray Mills, CD Director as our guest speaker Nov. 29th. A good turn out was in attendance to hear his very interesting discussion.

Also in the mill for HARS is "on the air" meetings once a month, code course private and on the air, net procedure course and anything else that may come our way. Our 32 paid up members are looking forward to a full season of activity in the Hillsborough area.

Next month this column will be in the able hands of Roy Scott, W4UHF. Roy is also net manager of the Novice Hurricane Net which meets every Sunday on 3750 kc at 0730. (1230GMT.)-73 Ray, W4BNE

HINT AND KINK

To magnify the tuning dial (on the NC-125 for instance) without using lens because of paralex error. The use of shadow method would cost only a dial lamp and holder, two pieces of paper, thin aluminum three and half inch diameter, and some **metal glue.**

It will magnify motion more than ten times on the main tuning and on the band spread dials. Use index 0-100 to calibrate both disc. The discs are shaped like a flat donut with a piece bitten out so that the receiver need not be disassembled. The holes that form the numbers on the disc may be punched with a needle. The disc will be glued to the forward side of the main tuning cable (and also bandspread) caliber to a lubber line on cabinet cover while glue is **wet.**

73 - Fred, K4UGC, Miami

FLORIDORA HANGNAILS

By Fran Adams K4PPX

Mary S. Bamberg, joined 5-22-60, 1261 Woodlawn Terr. Clearwater, Fla. Her call K4UBT (Uter Bally Trite) Birthday 4-25. Advanced Class. First license 1938. Former call W8SBB, Fone operation 10 M. Mobile Home brewed rig-50 watts. Office manager of OM's business. I chil OM K4UBF-James. ARRL member.

Shirley Kaye Arsenault KN4VOO, 4232 - 54 th Ave., St Petersburg, Fla. Novice 1960 1 wpm. AR 5-Halli. 5-20 R—5 watts. Housewife, likes meeting people dancing es swimming. OM KN4VIN-Lim.

Dee Bruns 1121 B. South Ave Patrick AFB, Fla. joined 4-23-60 Her call KN4IIR novice 1959. 1 wpm cw. Birthday 11-26. 40 meter and 2 meters 8 watts, xtal 7189 Housewife, 2 children, likes music, piano and voice OM K4FKS-A1 . . .

Abby Evelyn 65 Hibiscus Dr. Ormond Beach, Fla., joined 4-29-60. Her call KN4VOT. Birthday 1-17. Tel. No. OR 7-3366. Dental Asst.; 2 children OM-KN4VOV-A1.

Lillian Oliver joined 3-20-60 133 Cocoa Ave., Indialantic, Fla Her call K9MUS. Tel No. PA 3-4268. Technician since 1958. Birthday 12-4. 6 Meters-50 watts Electronic Inspector, 2 children: 20 yr. boy es 13 yr. girl. ARRL; Fla. CD Orlando Radio Club. OM -K9MUE-Jack . . .

Jeri Bolles 109 SE 13 Ave. Ft. Lauderdale, Fla. joined 4-21-60 Her call KN4RCX. (Real Cute Xyl) Birthday 7-2. Dx 40; HQ-110. 40 Meter Novice net. Housewife 3 children. Likes golf. ARRL OM K4RCV-Bill.

QFN ALL FLORIDA CW NET

This month we should have our bells on because as of November 1st QFN is one year old. I am sorry I didn't know about it sooner. K4UBR is sending me the results of the years operation (after SS Hi) so it can be published in this column.

Good to be back on QFN but antenna still a problem (as always). May get a Tampa station to QNI regularly yet. K4DYG has been making the scene lately and he hopes it will be somewhat permanent. Say what's wrong with all you traffickers up around Orlando? I need say no more.

73 Don, K4FMA

How now brown cow . . .

LAMINGO NET NEWS

Walt Dixon W4DWN

Flamingo Net held their al Bar-B-Que Saturday, No- er 5th at the South Miami g Club's club house. It is nnual event looked forward the Flamingos all year. qued ham and all the fixin's he main feature plus a giant on of ham gear MC'd by ie W4VGT and ably assisted huck W4LVV. 150 hams and wives and families attended fine time was had by all. fine prizes were given away e main drawing and Bingo s. Credit for the success of Bar-B-Que goes to the ac- s committee and members ir immediate families. The ties committee consists of n W4WYR, Carl W4DTJ, W4NJM, and Dick W4ZPO. s an event greatly enjoyed eryone.

vt K4JSK was very happy e traded off a six foot rack bilt transmitter at the auc- Te was afraid that after g it all the way down to ar-B-Que somebody would uy it.

K4DJW and his xyl Sally ilding a new home down in W section of Miami Mo has already bought a new Crank-up tower and has just recently traded off his Valiant for a new HT-32-A. Looks like we are going to lose another good man to SSB.

Warren K4JJU checked into the net last Friday with a new mobile rig. It really sounds fine and he is planning to have a little fun mobiling around town with it. Evelyn W4WYR is entering Hialeah Hosiptal Sunday, Nov. 13th for a couple of weeks for a minor operation. We all hope Evelyn gets well real soon.

Frank W4ADP and family just got back from a two week vacation up in Balsam, North Carolina. Frank says he is all rested up and ready to go. Frank was at the Bar-B-Que where he won a Call Book.

OB W4BWP is up over 200 countries confirmed now with his DXCC and still going strong. We won't ever catch up with you now OB.

We would like anyone interested in joining the Flamingo net to check in with us Birds every Friday nite at 7:30 p.m. on 29. 044mc. We are a social net and are on to have fun so drop by and give us a call.

FAST NET

Traffic is slow but the spirit is strong. That's the story of FAST; but we do provide a service by our evening net in Florida. More outlets are needed though. At present we are represented by the following cities regularly:

Chuluota, Jacksonville, Key West, Madison, Melbourne, Miami, Orlando, Pinellas Park, Sarasota, St. Petersburg, Tampa.

A traffic net is only as good as its outlets, so if you are a sidebander join the FAST Net and good old rag chews on 3910KCS any evening at 1930 on - and on - and on. Another nice thing about FAST — we can work Georgia, S. C., N. C. and many other southeastern area states direct in the evening using SSB. We are not soliciting traffice per se, but rather SSB operators interested in this fascinating phase of our hobby.

Welcome to VE31M/W4 Chuck of Melbourne to FAST, nice signal, nice guy, good addition to our net.

Been looking for ZJ lately? Jim seems to be having power supply trouble. Guess he and K4KQF — Herb, ought to get together and pool their efforts and knowledge. Maybe at least one of them would get back on the air.

Maybe you remember that about two months ago I told you K41MN/4 — Bill was building up a pair of 813's in GG linear and that he really didn't need it, since his SB-10, DX-40 combination put out such a potent signal. Well Bill no sooner built the 813's than he took my words to heart I guess, because he sold it and is now back to the potent 55 watter.

We still wait patiently for K4-EHY to come on with a 4-1000A SSB signal. HI.

Well gang that's FAST enough. See you on 3910 and in SKIP next month.

73 Burt — W4CNZ

FINAL CALL

This is a final call for all those who have not applied for your Amateur Call auto license tags from the State Motor Vehicle Commissioner, Tallahassee. If you are interested in a license tag (all except novice) write and ask for a Form HR-1. Each year thereafter the form will come without requesting it. The cost is only a $1.25 extra which covers special plate making, handling and postage, plus your regular tag fee, of course. A real bargain to display proudly your call 24 hours a day, 365 days a year. Don't put it off, if you want yours for 1961.

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VALUABLE DOOR PRIZE Given Away 1st Day of Each Month

DX FLASH

From Mac K2QXG, Skip Member in Brightwaters, LI, NY comes the following DX Flash:

I handle the QSL's for the ZS1RM-ZS1OU/ZS8 expedition. Might interest the boys to know that it ended the 17th of October. On October 30th, a QSL had been mailed to every W/K who has sent his QSL with an SASE. Marge Air Mailed me all her logs promptly. Mail QSLs to Box 206.

BROWARD COUNTY 6 METER NEWS

Fran Adams K4PPX

K4SWK-Tommy is fairly new and has been active. Tom is running a Heathkit Sixer. K4HIL-Herman is still having birthdays. Belated Happy Birthday to you Herman.

K4RCX-Jeri was the lst to work Hawaii and then did telephoning. K4RCV-Bill was mighty proud as he worked Hawaii at work with his Gooney Box and beam. K4VGD-Jean is still reading the bulletins on the B.E.N. Jean. is retiring Vice President of the BARC.

K4SLJ-Jess is working a fractional watt transreceiver. K4PPX-Fran was happy to make another YL contact and of course new state Hawaii.

W4NUT-Geo is building a mobile rig. Geo blames that croaking sound in the Seneca on a little frog that sneaked inside. K4JRQ-Ken is finally back on after a long absence.

W4ALF-Jack sold his home and will be heard mobile only. W4LZS -Pat's foot was broken and in a cast and is now back to work. Pat received his general in April and still can be heard on 6 . . . BARC Note:

Very popular "Ham" K4SJH was elected President of the BARC for the coming year. His officers are: V. Pres. K4YOX; Sect. K4EHE; and holdover Treas. K4LJS. Congrats to all. Guest speaker was Andy Clark W4IYT Sec. for East Fla.

GOOD GROUNDS

Everyone knows the value of a good ground on your rig. Here is an easy way to sink one. Copper or water pipe may be easily driven into the earth to almost any depth by connecting a garden hose to the upper end. After a pilot hole has been started by crowbar or other such tool, turn on water and use hydraulic action to sink it down, down and down. Use a good clamp on pipe after cleaning it and run heavy wire to shack. Ground all equipment and live.

GOOD NEIGHBOR CASE

ARRL EC, Al Case, W4NGR of "Beautiful" Lake Mary, Florida received a nice write up in the Sanford Herald on the front page, September 15, 1960.

Besides furnishing Official Weather reports, to the U. S. Weather Bureau in Miami during Hurrican Donna, Case took his MARS generator around to his neighbors to keep their food supplies from going bad. Here is a quote from the paper:

"With two generators (one his, one borrowed) Case has visi at least two dozen families w the auxiliary units. The em gency power has saved an unt amount of food and, in ma cases, offered homeowners chance to store another sup of water.

"Otis Sjoblom, owner-opera of a Lake Mary food store s he was saved from loss of o $400.00 in meat and frozen fo supplies, Sunday, by use of unit.

"Garner Gahr, another go samaritan, joined Case Mond providing a truck for moving t generators from house to hou Since that time, the two m have worked daily, from ea morning through nightfall, se ing home-owners where two six hours current is of ma importance. Neither men h electricity in his home any of t time they were making "journe with generators."

W4NGR has been nominat for the Florida Skip Award whi was presented to him at a me ing of the Orlando Amateur R dio Club. Congratulations W NGR!

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See: W4NVF, Roy Humston; Dick Owens; or MGR. Tex Quinn

You are cordially invited to visit our Equipment Display Booths and get your free gift at the TROPICAL HAMBOREE in January.

DADE COUNTY

6 METER NEWS

By Walt Stock — W4IIS

Six Meter activity in this area quite brisk.

W4IUJ — W.P.B. was heard eal solid in Miami area on Nov. , 1960 for several hours. Several ocal stations had nice QSO's with len.

K4IFE worked W4GJO in Sarata on Sideband.

Best of Luck to K4IID who is ow in the Air Force. The gang ill look for you Mike on Band penings.

Whatever happened to K4SWT – last we heard he was operating rom a closet by orders of the YL.

Flowers to K4YSS — A brand ew general — F. B. Paul.

Where Oh Where is Don K8-LY-4? Wonder who will be on's 1st contact this year in Iiami.

W4EGL-M — Jim from Bowling Green, Fla., was a recent isitor in this area. Many of the oys worked Jim.

More flowers to two more new enerals - K4FIE — Ken and his ad — K4MZC — Ed.

Read the mail awhile back on n "Owl" QSO. (W4MBB — "Al" – K4UGA-M "Al" — K4RJT-M Al").

Did everyone read about "Vic" V4LIP in Sept. QST? He won op honors in the country in the HF contest. Hard work paid off.

How's this for a record. W4-MBB — on the air Jan. 1960 to uly 1960 — worked 41 states, ut no 7's — Hi.

This may be a little late news ut here it is. Local mobiles that ad vacationed to the North.

K4HSW — to New Jersey — Mobile.

K4UGA — to New Jersey — Mobile.

K4DI — to New York — Mobile.

K4RBR — to North Carolina — Mobile.

W4MBB — to North Carolina — Mobile.

We understand many contacts were had by all.

The D.E.N. — Dade Emergency Net getting better organized every week with the fine cooperation of everyone and should be a real asset to the sheriff's Dept. and the American Red Cross.

K4UGC — Looking for anyone interested in Ham TV using 6 meters for the audio section. Contact Fred if interested.

FLASH — One of the nicest Gold Coast 6 Meter dinners was held Nov. 5, 1960 at the Chesapeake in Miami. Seventy three (73) (Best regards) members were present and a very good time was had by all. A large part of (73) were from Broward County. Everyone wants to thank K4-JES and XYL for fine job.

Dah Di Dah — Walt W4IIS

PHONEY PHONETICS

K4RNG — Rosies Nylon Girdle

WA6FAF — Fried Alligator Feet

K4OBD — Old Bull Dog

W4AKF — Always Kissing Females

These Phoney Phonetics are always good for a laugh. How about yours? Or someone elses Phonetics? SKIPPER, Box 501, Miami Springs 66, Fla.

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NEW hy-gain "hy-seven"

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The Beta Match - - The famous Hy-Gain Beta matching system is factory pretuned. SWR guaranteed less than 1.5 to 1. Without further adjustment.

Linear Loading—The new linear loading concept reduces element length and maintains higher efficiency than coil loading.

NO COILS

Now you can make 40 meters come alive with true beam performance for your rig. For the first time the Hy-Gain Hy-Seven two element 40 meter beam develops excellent forward gain and front to back in a reduced size, light weight antenna without the use of lossy loading coils. Reduction in element length is accomplished by the introduction of the new concept of linear loading. It results in three important new advantages:

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2. Much higher efficiency than coil loaded types.
3. Virtually impervious to all weather conditions.

Like all Hy-Gain beams, the Hy-Seven is factory pretuned ready for quick and easy assembly. It's also tops in mechanical construction — with a 1 year guarantee to prove it!

SPECIFICATIONS

Mechanical: Boom, 16' x 2" O.D.; Longest Element, 43'; Material, all aluminum, high impact; Cycolac plastic and irridite treated steel hardware. Net weight only 24 pounds.

Electrical: Element spacing .13 wave lengths; Matching system, adjustable Beta; SWR at 52 ohms, 1.0 to 1; Gain 5.2 DB; Front to back ratio 15 to 30 DB.

Stacking—because of its light weight and convenient size, the Hy-Seven may be easily stacked with your existing tri-bander installation. Complete data furnished for proper installation.

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VHF IN FLORIDA

Allen A. Engleman, W4RMU

In case you have been wondering about the Florida Skip 50mc Honor Roll it has been separated from this column and appears elsewhere in the SKIP. Continue sending any changes to me and your score will be corrected. Some months it may not appear due to lack of space.

Florida amateur participation in the emergency communications after hurricane Donna were in some respects very dissappointing. Many reports have been received of poor band conditions on 75 meter and 40 meter bands. It was necessary to relay traffic to distant stations far removed from Florida in order to get traffic over distances of only 100 or so miles. Much of this traffic was destined within the state, yet because of skip conditions it was necessary to relay it many hundreds of miles away.

Much more effort should be made toward emergency work in this state on the VHF bands. 144MC or 50MC could have handled this job nicely except for one thing, lack of stations and nets to handle the traffic. A six to ten element beam with 100 watts input can easily cover 150 miles in this state. There are four megacycles of band width on either band, thus making QRM a negligible factor. In case of hurricanes, and we do have them, a small beam with about 30 feet of TV type mast stored away in some safe place, would be a simple job to put up in case the regular antenna array was blown down. Let's face it we are not properly set up for the kind of emergency work the hurricanes bring. The high frequency bands do not offer the reliability required if we do the job right. They have their place in long distance traffic but are badly in need of suporting help from the VHF bands. Had we been properly organized on the VHF bands during hurricane Donna I am sure that they would have borne most of the load and a much more successful operation would have resulted. When is the average amateur going to learn that VHF is no longer just a place to go for local rag chews?

A new 144 MC station has appeared on the scene from south Florida. It is K4DU in South Venice. Dick runs 450W and an eleven element spiral array about 50 feet up. He puts a very respectable signal into Jacksonville. K4QKR in Orlando now is set up for receiving on 220MC.

MESSAGE BLANKS

Last month a sample sheet of our new Florida Skip message blank was enclosed with Skip. We are happy to say we received floods of orders for them. Thank you all.

It was decided to offer these blanks at a cost basis to traffic men anywhere. We give one day service which cuts down on long delays waiting for a fresh batch.

The postage costs SKIP .16 cents. The cost of paper and printing much, much more. The blank paper is of newspaper stock which allowed us to attempt the job and still not overcharge anyone. The blanks, 200, are padded in 50's and perfect for ball point pens and mills.

We still have 62 packets ready to mail. If you want one drop a buck to: Skip, Box 501, Miami Springs 66, Fla. We will have a good supply at the Tropical Hamboree January 14 - 15th.

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ST. PETERSBURG AMATEUR RADIO CLUB

On November 4th, SPARC had a very short and hurried regular business meeting, as the XYL's gave them a "Kid Party" afterwards at their Club House. There were quite an array of costumes. Prizes were awarded to: 1st, W4WPF-Marvin, for the funniest costume, which consisted, by the way, of a bright red nightshirt, a pink stocking cap, and he carried a candlestick with flickering candle. Lois, W4WPF's XYL, captured the prize for the prettiest, looking like a doll in a little Bo-Peep costume, complete with crook. Prize for the best dressed couple, went to K4YKC and K4YKD-Roland and Mary LaPierre. Beth Stiles was judged the most original. There was much hilarity during the cute and interesting games. Many thanks to Marie Cole, XYL of President Wayne-W4LTE, who planned the whole thing as well as the refreshments served—apple pie, with ice cream and coffee. Marie was also a "cutie" as Mary, Mary Quite Contrary.

K3LFZ-Esther has returned to Levittown, Pa., after a visit with her mother Sept. 15th to October 23rd, during which time she took part in several Club activities. Esther was formerly W4LGJ and is still a member of SPARC.

Though W1MRG-4 (Maggie's Red Garter)—Burt is seldom heard on the lower bands, he is busy building and testing equipment. He and XYL-Dot are often heard on 6-meters; so do not be surprised to hear them most any band testing new home brew equipment or antennas. Also anyone having trouble with their rig, finds Burt always ready to assist in any way he can.

W4YU-Hote has a tentative schedule with WHYQ-Marv Vosika every Saturday and Sunday at 9:30 A.M. around 29.2 Mc. Marv was stationed for many years at McDill Air Force Base and a member of SPARC. He is now at the Otis Air Force Base, Cape Cod, Mass., where he is living in his trailer with wife and two children.

Good to hear K4RKY-Pete, of the Veterans Hospital, back on the air (all bands), after a seige in the hospital. Anyone knowing Pete personally will not recognize him probably now as he has gained 20 pounds.

W4TDK-Naomi is being kept busy with her duties as legal secretary and is being missed at the Club meetings; however, Naomi continues to do her bit for the Club, by helping with the correspondence, SPARC - GAP and conducting advanced code classes from time to time.

Now that the National Election is over, it is time for SPARC to start their campaigning for election of officers next month. Again we have to start thinking and wondering who the next President will be.

By the time this column is being read it is time for us to wish everyone a Merry Xmas and may Santa Claus bring you "oodles" of ham gear!

73 W4BAV

WINTER HAVEN ARS

WHARA now has two new editors for their club paper "The Key Klix" in Ted Jahn KN4YLZ and Bill Corley K4IIN. Due to technical difficulties The Key Klik was out of business for a while.

Club officers are listed as President, John Attaway, K4IIF; Vice president Geo Ashton, W4RGF; Secty. Herb Hamilton, K4KDN, and Treasurer Frank Pierson, W4PGP.

HAM-BO-REE

I'm a little ham, yes siree
And I'm going to Miami for the Hamboree
Going to look at towers and antennas too
And chew the rag the whole night through
I'm going to meet my gang right down there
That I've been talking to over the air
Going to look around for that Flori-gal
And see if she's as pretty as my YL, Sal
Been sending with my left foot nigh on a year
Going to win that contest, never you fear
Got my ticket bought for the dinner too
And the speaker better wait until I'm through
Going to win an antenna and a fancy rig
When I bought tickets, I bought big
Auction my rig when I bring it in the door
Cause taking home two is too big a chore
Got to sign off now and throw the switch
Cause both my feet are beginning to itch
Going to get on my way to Miami
To get there early for the Hamboree
If this wasn't enough and you still want more
Write to Miami, Box 1 0 4.

73 Chuck W4LVV

TENNA ORDINANCE

T HARD

Editors note: In the October ie appeared a column by Tom e K4YCX, Box 525, Micanopy, rida (near Gainesville) in ref- nce to a unfair antenna Ordi- ce they were trying to pass. ll it didn't. Here is Tom's lat- report.)

To bring you to date on the nesville antenna situation:

a. The ordinance was pro- ted and written by one (1) io-TV man with the promise he job of electrical inspector. Also that the other TV outfits own did not concur.

In presenting this situation the City Commissioners, they eed to refer the matter to ommittee of six (6). Two TV- io men, 2 professional engi- rs and 2 hams for purpose of wing up a suitable ordinance, eptable to all factions.

A delay of hearing was made the committee is at work on ordinance now. Both profes- al engineers are also hams at makes 4) so it is pretty ain that the final results will entirely satisfactory to the teurs."

OPEN LETTER

All Radio Amateurs
tern Fla. Section, ARRL

his open letter is a remainder nominations for Section munications Manager are due tly. Closing date for nomina- s is December the 9th. Due ncreased business responsibil- and consequent shortage of lable time, I will not be a didate for re-election.

you will permit me a sugges- I would like to recommend considerable thought and dis- ion be given to your choice a nominee. Prime requisites a willingness to travel, avail- ity of time for lots of paper k, plus a deep interest in the are of amateur radio as a le.

wish to take this opportunity hank each and everyone of you the fine support and coopera- you have given me during two terms in office. It has a pleasure representing you, honor for which I am deeply eful.

ou may rest assure that in the re I stand ready and willing assist our fine organization its members in any way that limited time permits.

Fraternally Yours,
John F. Porter, W4KGJ
SCM, E. Fla.

MARS BC 14

In addition to insuring that each personal type message is correct as to form, length and completeness of address and signature, it is also the responsibility of the origination MARS station to rule on the propriety of the textual matter. Texts which deal with divorce, legal financial entanglements, personal recriminations between originator and addressee and other such dubious subjects should not be accepted for transmission via MARS.

Strict controls should also be placed on messages which are sent merely to permit whimsical exchanges between two individuals. The MARS system provides a voluntary type message handling service that should not be abused simply because no charges are involved.

MARS stations should accept only those messages which by virtue of their importance warrant the effort and attention of all the other MARS stations in the network.

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TROPICAL FONE

TRAFFIC NET

Hi Gang. This net meets daily at 1730 Est on 3945 kc, for the purpose of handling traffic. For the month of October traffic has naturally increased.

Averages for October are: Total stations checking in 506; average 16.3; QTC 159, average 5.1 with 31 sessions.

Want to welcome the following stations into the net: W4GWF Bob, West Palm Beach; W4OCS Jim Jax; K4OZS Larry, Ocala; W4SCY Bart, St. Cloud; K4UHD, Jim Jax.

Also back from a long trip out west K4SZC Butch in Cocoa. How was the weather out there Butch? Remember all of you, be sure to count your traffic at the end of the month to the SCM. It's simple, if you can't remember or don't know just ask somebody on the net. Everyone on the TPTN sends in their report every month, DAN'T THEY ? ? ? 73 Dan K4EHY.

FLORIDA SIDEBANDERS

Two months roll rapidly past and the Florida Sidebanders is now pretty well established as a permanent fixture on the Kilocycles. Also nice to hear a lot of our old timers back with us at summer's end.

Under the advance planning department. The Florida Sidebanders will sponsor a breakfast — dinner — or something — at the combined Orlando Ham fest, Southeastern Area ARRL conference at Orlando in April 1961. Write W4DTZ, Bill, 5116 West Washington St. Orlando for details and reservations.

Though not a member of the Sidebanders, we all lost a good friend in W4MN. A minute of silence was observed in his memory during our on the air meeting on Sunday 31 October.

---

6 METER DX

On October 25th, 1530 to 1550, K6HGR/KH6 in the Hawaii Islands boomed into the Southeastern Area on 6 meters. He worked with ease K4RCX, K4PPX, W4-BLW, W4NRF, WCQP and K4-RNG. Alice in our 50th State had a wonderful signal, Apoligies if anyone was left.

73, Les, K4RNG

CONCH CYCLES

Honestly fellas, Key West is still on the map and on the air. Last month your correspondent (that's me) was in Washington, D. C. and Norfolk, Va. for a few days TAD and was surprised to have many people ask how we were getting along down here. No kidding, they thought Key West was practically wiped out and the middle keys nothing but sand dunes. Needless to say, I put them straight and invited them down to see it themselves this winter.

Sheriff John Spotswood recently announced that Cayo Hueso Hams are to receive citations by Monroe County CD for work on emergency communications during Hurricane "Donna."

W4NDJ (Fleet Sonar School ARC) is now sporting a new SB-10 and also a Heathkit "Tower." Hope to hear many more on the Monroe County emergency net transmeter section soon.

W4ZUT — Mike, has been real quiet of late. Mike's rig is on the fritz but the boys expect to have him back soon.

K4OFG — Bernie, is now in Jacksonville, having been transferred by Uncle Sam's Navy to a long waited tour of shore duty. We will miss Bernie but expect Jax will gain an active ham.

Key West Amateur Radio Club W4LLO meeting on 2nd and 4th Mondays at 1930 hours in the club house "Termite Haven" on White Street, Key West.

So there's the latest from the Heart of the Fabulous Florida Keys, the fishing capitol of the world.

73 Burt — W4CNZ

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SERVICE TO MEMBERS

According to remarks in "From the Editor" column the following items listed below are offered free of charge to SKIP members as a special service. Request by number. A number 10 self addressed envelope will be helpful:

1. Special net QN (past card size) list.
2. Diagram of (a) Command Receiver BC454 (b) Viking II (C) Viking Ranger (d) W4LIP Converter. Or any diagram that will appear in future issues.
3. General Instructions for a "NCS."
4. Florida Skip Net Roster. (All known Florida nets.)
5. Florida Skip Club Roster. (Times, dates and places.)
6. Worked All Florida Counties rules and map.
7. Inter-County (Dade) Plan and diagram.
8. List of All Eastern Florida ARRL EC's.
9. "Ham Radio for the whole family." (limited supply)
10. AREC (form 7) registration forms.
11. U.S. Weather Bureau "Wind Beaufort Scale."
12. Sample "radio club constitution and by-laws."
13. $7.50 bills.
14. Hurricane Emergency information sheet.
15. Advice to the lonely XYL from "Dear Mabel."
16. Applications for Skip membership. (Limited supply.)

THE FLORIDA SIDEBANDERS — 1700 SUNDAYS ON 3940 KC. LOWER SIDEBAND.

The Florida Sidebanders Emergency Net is doing nicely now uner the able guidance of Vance — W4OVE. With the continued efforts of all the members, another hurricane will find us much better prepared than was the case during Donna. FSEN — 1930 Tuesdays — 3940 KC — LSB. Join up!

Thanks to Ray — W4BNE for an interesting program on 31 October.

Among the new calls heard on the Sidebanders; K4E41, K4FQH, K4EHY.

One of the great advantages of SSB mode of operation lies in the use of less of the frequency spectrum. However on a net such as ours, this advantage is lost if we all spread out over 1 or 2 KC and turn up the gain to the "Flat Topping" point. We request all stations to check frequency often — keep zero beat with NCS. Also keep that gain down — that extra watt isn't worth it.

Well 73 for this month.

Burt — W4CNZ

WHY NOT GO G.M.T.?

As most of you know all c mercial and other internatic agencies use the internatic time system of Greenwich M Time (GMT) throughout world. More and more amate are switching to use GMT in tl logs as the commercial stati do. Most all DX QSL's arrive GMT.

Would it be hard to change GMT? No, not at all. GMT Eastern Standard Time (EST Plus five. In other words 7 p would be 0000GMT. Start y new day in GMT at 7 p.m. you like, keep our wrist wa in EST and your Radio Sh clock in GMT. Simple? Try

73 AC

THANKS

Dear Amateur Operators:

We take this method of tha ing you and those who worl with you in helping us with w ther reports and the distribut of warnings during the pass of Hurricane Donna. We, in Weather Bureau, are deeply preciative of your efforts, wi out which we could not have d our job nearly as well. Loss life and the destruction of m able property were held to a m imum attributable largely complete information, made p sible by our team of several d en cooperators, including you your associates.

Please accept our heart thanks for your participation a job well done.

Sincerely yours
Gordon E. Dunn
Chief District Meteorolog

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W4ZPO — DICK

FLORIDORA YL NEWS

Fran Adams K4PPX

4ANR-Ruth checks into the ieter net under her OM's call 'E. Ruth says she's back on 6 5 ele. beam. K4BDF-Sue not be heard on the net due ie fact she will be working at s till Xmas.

4BIL-Fran had troubles with VFO and hope it's all taken of now. Fran talked with lle W4KZT-5 and K1IZT-ce during the Anniversary y. Her score was 24 and re-s she had fun.

4CWV-Annette had loads of in the Anniversary Party. ette did very well with a score 13,283. Hope our Floridora . . . Gals, please write or the information of K4CWV-y and put it in your directory was left out by mistake . . . anks to W4HRC-Little Bo Floridora officers will soon using Floridora Stationary. e Bo received a 25 yrs. serv-in from Eastman-Kodak Co. checks into the Sunday net. HSC-Meg had relay trouble poor Meg isn't feeling good days but still manages to k into the net. W4IUR-Mim's modulation makes a out-ling signal. Mim's subject ndays is nomination, nomina-, nominations. Your head-s are just starting Mim.

LPV-Irene finally checked ter a long absence. Welcome lorida and to the Floridoras VE-Gladys, Pres. of the gia Peaches is now a Flori- and has been checking into ay and Monday nets running watts. Gladys QTH: 3152 th Rd. Ocala . . .

MOV-Betty is now living in . Her new QTH: Rt. 2 Box Tallahoma, Tenn. K4PPX- sent in for her 1st sticker her SHOM certificate. K4-Vinnie we welcome you as a member. K4PVT-La-was happy to be over QQE-Qth to check in the net.

VOT-Abbey passed her Con-nal and is waiting for her t from FCC. Her birthday n. 7th not 17 as in the di-ry.

RCX-Jeri did FB job as for Oct. Jeri has been paint-her new home. She's a proud hese days since she was the o hear KH6 on 6 meters.

N4RDX-Anne will take over ovice net again till her ticket es. K4RED-Lucy is heard on Sunday and Monday nets.

RNS-Marge while fishing in Gulf Streams she caught a ing bottle, inside was her h certificate from Key West. Marge's score in the Anniversary Party was 10,798.75 of which 2,318.75 was on C.W.

K4RHL-Ellie has her General and soon will be on the net.

K4UIZ-Ev is net control Sundays. She wants more gals to join in. W4WPD-Shirley is NCS for the month of Nov. and doing a FB job.

The Floridoras extend their heart felt sympathies to Bubba Born W4ZD for the loss of his mother.

MERRY CHRISTMAS TO ALL

KITS FROM HALLICRAFTERS

Hallicrafters has joined the list of manufacturers who have kits available to the amateur. Their HT-40K (or wired) sells for $79.95 in kit of $99.95 wired. 75 watts input on c.w. or phone 80 thru 6 meters. TVI filtered, crystal control with VFO provisions. 52 ohm tunable pinetwork, ideal c.w. keying, a.m. modulation 6DQ% in final. Silicon Diode rectifiers. Matches SX-140 receiver for styling and band coverage.

The SX-140K (kit) and SX-140 (wired) sells for $94.95 kit form, and $109.95 wired. Tunes all amateur bands, crystal calibrator, band edge marker, high tuning ratio 25 to 1, antenna trimmer, S-meter, ANL, internal switching circuits can control transmitter and antenna changeover.

Look out for more kits from Hallicrafter — I'll bet ya.

FLORIDORA

YL 6 METER NEWS

Fran Adams K4PPX

K4ACF-Nancy has been acting NCS for the Floridoras and doing a FB job. However, when Chuck has the rig torn up she relies on K4RCX-Jeri to take over.

W4PXY-Ellie is quite active and soon will be taking a "jet trip" to the Pacific coast for her son's wedding. K4RCX-Jeri and K4PPX-Fran were the only Floridoras to make a YL contact with Hawaii.

K4ANR-Ruth in Howey-in-the-Hills is back on 6 again with a 5 ele. beam and working into Tampa Bay and Orlando area. Welcome back, Ruth.

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WAbash 3-2204 No Toll Charge

F.M.T.N.

Tip CURRAN

There is one thing that we cannot abide among our net controls and that is to have them upset, especially to the extent that they cry out in open lament due to piteous frustration. Such an occasion has arisen these past weeks when, day after day, a strong carrier was spotted directly on the frequency in such a manner at such times that it was obviously of an intentional nature. Now, in the case of Succulent Juicy Hams this became a menace in the extreme and the Major in despair called upon all the powers that be to put an end to the mayhem. Well, something had to be done and we had a suspicion — but the Editor assured us that even though he was always prepared to protect the indenity, the 'Ole Crab' was not the miscreant. So! !

Wellington Woeful Willfind was brought into the picture with all of his equipment and went to work with authority. As we all know, when we turn a matter of this sort over to an agency we get a raised eyebrow, a pursed lip and a knowing nod — but, do we ever get to hear what was done about it? NON NIET! and NAH! So this time we decided to get into the act and here is a full report in brief of what transpired.

He set up his finders at three good locations and he didn't have long to wait. The carrier came on with a bang and in a trice its location was down to a pinpoint, marked A as in Atsit. We converged on A and were prepared to find X the next day. Sure enough on came the carrier but no fix. It was certainly nowhere near A. Out went the triangle again and nothing occurred for two days then we found it at B, which was some miles from A. Next day at B, no fix. The next week we caught him again at C and again no fix the next time he came on. Small conference — he must be mobile ! ! ! Then we were stumped until we discovered that each location was on the coast. Could he be M/M? All fixes placed him moving in a southerly direction and the pattern began to take shape. The next week we were ready along a section that looked promising and sure enough when he came on Woeful hooked him due East and screamed for help. In a matter of minutes we all converged on a dock only to find the signal beginning to fade. Sure enough a fast cruiser was creaming out to sea with her wake piled high to hide her name on the transom. He must have had a 'gooney Box' and was copying us all the time. So we shouted to each other to call the FCC and the CG and the FBI and even the dog catchers. He must have heard us, Ham. Sorry we missed him, OM.

The ladies of our net have been having a jolly time at some kind of a pajama party on the air and it is really quite a show. These gals have the right idea when it comes to holding their own — they pick some gal whose OM has a 2 gallon job and keep telling her they can't hear her until she has the gain up so high that the peaks form a horizontal solid line and then they tell her to take net control. That way, you see, any gal who is perhaps a little uncertain can readily find the net by tuning anywhere within thirty kcs of where she thinks it ought to be, maybe. Some fun, eh gals? Kidding aside those gals can show up some OMS when it comes to chatty operation. May I remind you that this takes place on SSB, which they tell me is quite the coming medium of communication. Me, I'm for RTTY — don't have to do any listening, see?

October averages QNI 26.6 — QTC 15.0 MAY YOUR TUBES RUN COOL ! !

HIALEAH AMATEUR RADIO CLUB

With the end of the year coming soon the officers of HARC are looking for replacements. President Al, K4UGA took a two month vacation and Vice President Ivan, W4ZYK gave up ham radio again and disposed of his equipment to take a rest. Chauncey, K4DZP elected Vice President to finish the year.

New calls this year issued to Irene, K4PMT, Dennis Duley K-N4WZM, and Dick W4MVS. Who is now in the Air Force. Chauncey K4DZP, has had good movies each meeting night on radio end electronics. John K4ZSY, loaned us tape machine and two rolls of tape. Jake K4PFB also loaned us several rolls of tape.

Old steady operator of W4MRC for Dade Emergency Net and Intercounty net Ivan W4ZKY having retired for awhile, Red K4GRJ and Al K4AHW have been taking turns at the station. Smitty W4HZG also getting a rest from the station. Squelch trouble seems to be contagious with the Gooney Box Communicators. Three at W4MRC are IN-OP. Viking Ranger and RME 4350A Receiver doing fine business. Station could use more help for Monday nights. Call Al K4-AHW or drop in at the auditorium Monday night.

Couple of members have been hunting the transmitter hidden every Friday night by the Mia Springs Radio Club and ha found the hunts to be good re reation as well as education The best educated was Bill K PAE when he and a friend h the rig in a swamp with a fo of water and got stuck in t mud. XMTE is on 29.00 MC 2000 each Friday night som where in the Miami Springs Hialeah area. Jerry SWL youn est member of HARC has bu Ten Meter converter with ve little help and now is listeni on Ten, mobile.

Meeting for October 18 w social night at home of Ja K4VGG and Dennis KN4WZ Irene W4PMT made all arrang ment and all had very fine ev ning.

At Flamingo Net Barbec Red, K4Gpj picked up some 304 tubes to use in a push pull fin and then found out that the tw tubes would run about two a one half KW, so now will u only one. Other buyers and se lers at the auction were Di K4YXC, John K4ZSY, Benn K CMU, Ed K4HCD and Les K RNG.

With this new year comi soon, all members are urged attend meetings so they might volunteered for office for 196 Meetings still at the Hiale Municipal Auditorium at 20 first and third Tuesday. Re door.

73 Red K4GPJ

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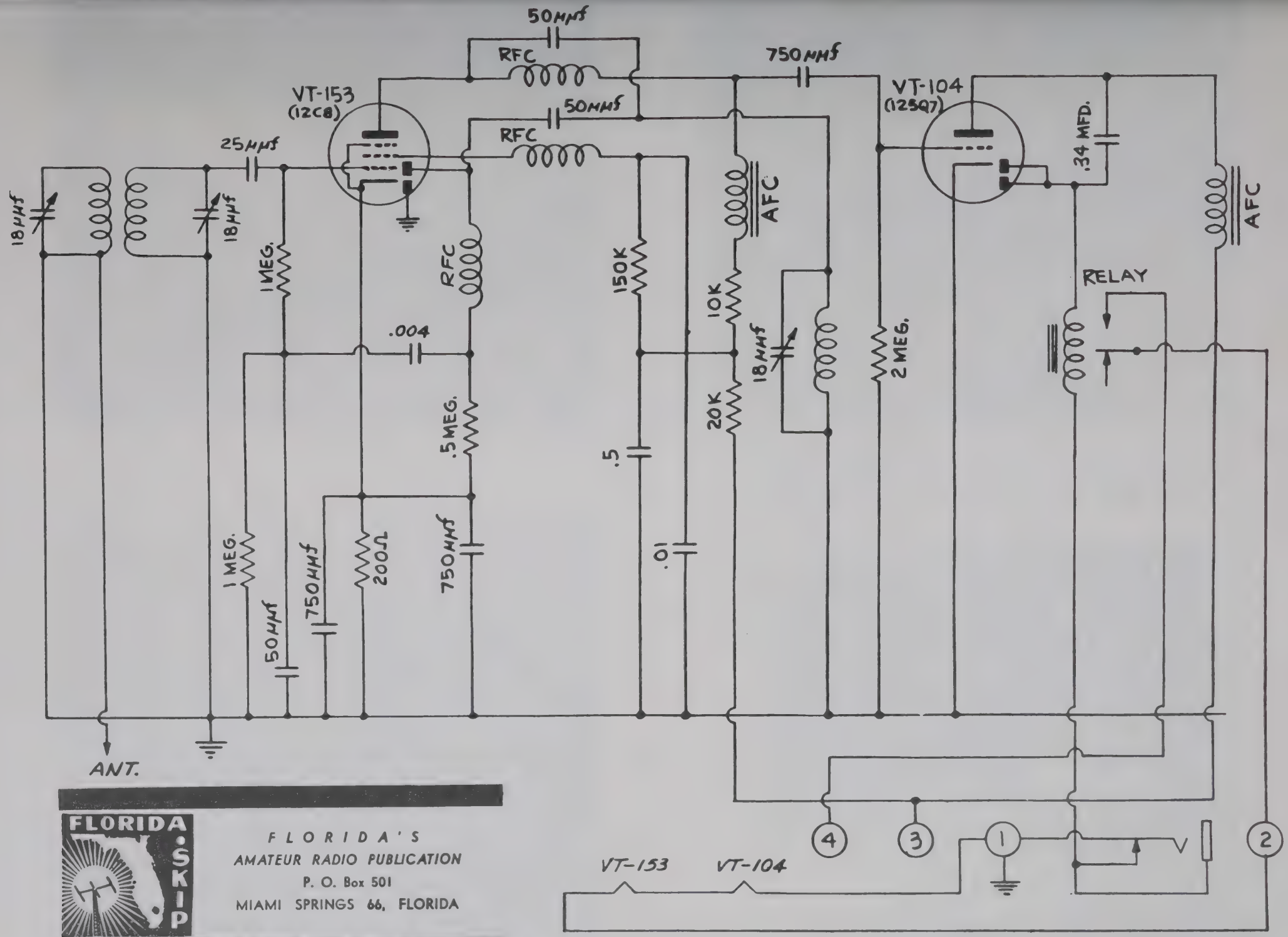
HQ—170	RANGER	NC—400	GONSET GSB-101
HQ—180	10m Trans-cvr	HRO—60T	
	6N2 Converter	VFO—62	

These three photos were taken by W4KB of Hialeah the day after Hurricane Donna passed thru Marathon. We thought you'd like to see what a real live hurricane can do. They only tell part of the story.

See "My Donna Story" (elsewhere) for more details on how Frank Ireland, K4UUO of Miami filled the important link with his amateur emergency communications during and after hurricane Donna passed through Florida. Congratulations to Frank and all his workers.



FLORIDA SKIP

FLORIDA'S
AMATEUR RADIO PUBLICATION
P. O. Box 501
MIAMI SPRINGS 66, FLORIDA

HAMBAR

TE: Florida Skip does not ume any responsibility for dition, price, etc. of any item ed in this column.

his column is FREE to any Li- sed Radio Amateur. There is no t to the number of items an vidual may list. All listings are celled each month. If your list- is not moved, it will be neces- to relist the following month.

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n Advertising inch is measured vertically on one column, i.e., olumns — 40 column inches to age. Rate card by column inch plied upon request. FLORIDA P Inc., Advertising Department, Box 501, Miami Springs, Fla.

R SALE: Viking 500 factory d, like new. S-85 Hallicrafter iver. Call office FR9-6326. Dick oy, W4ZPO, 1739 S.W. 8th St., mi, Fla.

R SALE: Hq - 110 - C receiver n. $175.00. DX-100-B transmit- works well $150.00. Bill Reed- V4OLV, 19605 NW 8th Ct., North mi NA1-8034.

R SALE: WRL Globe Champion A $350. Hallicrafters SX-100 re- er $200. Hornet TB-600 Tri- der beam with AR-22 rotor and ular mast. $50. Fred Jankoski SS, 555 Volusia Ave., Daytona ch, Fla.

NTED: Heath SB-10. Price must right. Tunable converter parti- rly ten meters. Other bands OK FOR SALE: Miscellaneous items, er supply components (hi and chokes and condensers. What you need? Dave Traer W4AZK, 215, Naples, Fla.

R SALE: VFO, model 755 by L in excellent condition $5.00. tory wired and tested. C. Stouth, PG, 261 Prince Frederick, King Prussia, Penna.

R SALE: HAVE good supply of lus items and parts at bargain e. Call evenings only. Robert T. guson K4ZJI, 351 West 37th St., leah, Fla. TY5-1195.

R SALE: Heathkit Comanche 1, Cheyenne MT-1, Speaker AK- Base mount AK-6, Power meter 2, AC power supply UT-1, trans- mobile supply, tri-band mobile whip, 40M mobile heli-whip, mount, 10-40 Hy Gain verti- 40 meter helical Dipole. All pment one year old. Paid over will take $325 for quick package Bill Peden W4ZCD, 3452 SW Ave., Miami 55, Fla. Phone MO 50.

NTED: Globe 755A or Knight D. State condition and price. Tom ning, K4KSZ, 1001 N.W. 17th Miami 35, Fla. Phone FR 9- 9

R SALE: SR-34 in new condition. t have money to continue Ro- Catholic Priesthood studies. 34 cost $495 will sell for $350. ald L. Stier W9ICZ, St. Meinrad or Seminary, St. Meinrad, Indi-

FOR SALE: P and H Audio Compression amplifier AFC-1. Latest Model, new in carton, never used. $18. Heathkit AR-3 receiver. Good condition $10. J. W. Gregory K4OCK. 3000 SW 103 ct., Miami CA1-9625.

FOR SALE: J-36 Signal Corps bug, like new $7.00 postpaid. 160 watt homebrew xmtr 10-80 meter, 814 final MB-150 tank ten meters, overload relay, separate HV and Mod power supplies, built-in VFO on a dolly, pick up only $85. ARC equipment new or like new. T19, T22, mod., dynamotor, control unit, antenna control unit with RF meter, cables and plugs. Also 24 v. 10 a. xfmr and 10 amp rectifier for conversion to 115 a.c. operation. $50 if pick up will include table made for this equipment. WANTED: APR-1 receiver in good condition, with or without plug-in units. Al Johnson W4LSA, 67 West 10th St., Hialeah. TU 7-2027.

FOR SALE: Used NC-100XA receiver, recently overhauled $30. Ken Farwell, K4BZS, 4538 Oxford St., West Palm Beach.

FOR SALE: SX-101 receiver with speaker $250. Globe Scout 680A xmtr $75. All like new. Steve Gordon KN-4DJX, 16050 N.E. 16th Ave., North Miami Beach. WI 7-8446.

FOR SALE: 2000 watt emergency power generator with less than 50 running hours. Rated 2400 watts overload. This is a commercial unit and not govt. surplus. Pioneer Generator and Briggs Engine with twin belt drive. All mounted on strong portable tubular steel frame. List price well over $400. Will sell for $175. John F. Porter W4KGJ, 6890 S.W. 51st St., Miami. MO 1-2914

FOR SALE: HQ-110 with clock and WRL Globe Chief and antennas. Brand new, valued at $350. Going to college will take $275 cash or can finance. Robert W. Brynn (K4VXD), 2433 Bethune Ave., Jacksonville 7, Fla.

FOR SALE: COLLINS Phone patch, like new and perfect condition. $34.80. Astatic 10D mike with push to talk stand $22.20. Jones SWR bridge and power indicator, like new $51. Model TW-11 SICO tube t ster with new roll chart and in perfect condition $18.50. Heathkit Conelrad Alarm Model CA-1, new and assembled by Electrical Engineer $9.00. WANTED: Standard Speaker for Collins 75A-4 receiver. Bob Woodruff K4JJZ, 121 E. Cornell St., Avon Park, Fla. Or contact me on FMTN.

FOR SALE: "GO-Devil" bug, new condition $7.50. Peterson Z-6A 100kc xtal with diagram of easy 100 kc calibrator, never used $4.00. George C. Andrews W4MJY, P.O. Box 1194, South Miami. MO 1-7755.

FOR SALE: Collins 75A3 with universal product detector installed by factory service $375. Collins 32V2 excellent condition $275. 55 foot heavy windcharger tower, Johnson Rotator, Workshop full 20 meter beam, 10 meter Gamma match Beam — All for $180. John J. Forgarty W4CI, 4633 Longfellow, Tampa 9, Fla.

WANTED: Harvey-Well TBS-50D (band Master Deluxe) or a 6 meter xmtr with power supply. Teecraft or LW-51. Need Alprodco alumimum tower (3 or 4 sections) Rotator and indicator. Fred C. Wilson K4KRY, 7450 Grove Ave., Kendall 56, Fla. MO 7-1588.

SELL OR TRADE: Power transformer, variable tap primary, will give approx 500 volts to 3000 v. at 500 ma .to 750 ma. Weight 80 pounds plus. Pick up only. Best cash offer or will trade for what have you? John G. Wagner W4WKY, 11085 th St. E., Treasure Island, Fla.

WANTED: Vacation with pay! Editor

NOTICE: Last month Skip mailed you a sample message form. We have a good supply of packets with 4 pads of 50 blanks each, ready for mailing. A buck postpaid to your front door. Skip, Box 501, Miami Springs 66, Fla.

WANTED: More HAMBARS. Clean out the shack and make theXYL happy. We know for a fact that thousands of dollars worth of amateur equipment has been sold thru this column — all FREE to you. HAMBARS, SKIP, Box 501, Miami Springs 66.

FOR SALE: Johnson 6N2 transmitter, 6N2 VFO, power supply and modulator $150. Also VHF antennas. Bob Street W4IET, 116 Iroquois St., Miami Springs 66, Fla. TU 8-7406.

FOR SALE: DX-40, plate transformer gone, will sell reasonable. For trade NC-240C for a later model. FOR SALE: Gonset 10 meter converter. Wollinsak tape recorder with no tapes or mike. Tandy Way KNY-SN, 4851 SW 82nd St., Miami 43, Fla. MO 1-3396.

ANYONE in Jacksonville area want a prop pitch motor for ten bucks call Bill Gardner W4HWA, 4051 Ortega Forest Dr., Jacksonville, Phone EV 9-1119.

FOR SALE OR TRADE: Stancor P-8034 transformer 2, 2.5 KV 400 Ma. Stancor S-57 2.5 v. fil xftr. 2 Stancor P-4096, 10 v. 5 amp fil. xfmrs. 813's and sockets. Collins Mec. Filter 2-1 kc. Filter condx 6 mfd 2KV. New 10 meter heliwhip and mounting. Triplett model 2400 volt - ohm - milliammeter. WANTED: 2.5 or 3 KV filter condx. GPR-90 receiver. W. W. Cooper K4ZZV, 9302 N.W. 2nd Place, Miami. PL 7-1718.

SELL: Model 26 teletype with table and complete simple instructions for operation on amateur RTTY. $75. Viking mobile transmitter converted 12 volts with Dowkey relay and Morrow three band converter. Both covering 75-20 and 10. $80. Westinghouse Dynamotor 6v/600v-155 ma with relay $10. PE-103 less base $8.00. Bert McNamara W4EAS Box 2138, University Station. All above FOB Gainesville, Fla.

FOR SALE: Johnson Navigator. 40 watt exciter - c.w. transmitter, 160 through 10. Modulator could be added easily. Stable VFO, two crystal positions. Crisp chirpless timed sequence keying. Perfect condition. Wired by electronics instructor, laboratory calibrated, Factory carton, Manual. $140 express prepaid. Prof. Lawrence Roberts, W4RVB, University of Tampa 6, Fla.

FOR SALE OR TRADE: BC-221 Freq meter complete, unmodified and prop pitch motor with mount. WANTED: 800 watt power supply, crank up tower, light duty rotor and indicator. M. B. Goldblatt. W4-EMB, 3627 SW 8th St., Miami Phone HI 3-7636 days or MO 6-6997 evenings.

FOR SALE: Two meter Gonset III. push to talk, in perfect condition, with antenna, cables and instructions and diagrams. $195. Heavy duty steel, 30 foot masts (have 2) $8 each. S 20-R receiver, 550-31, 000 kc. Hot receiver. $39.50. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

PERSONALIZED HAM ITEMS such as Crystal Caddy, Silver-finished jewlry with engraved call letters, Ham license plates, Magic slate, Neckties with call letters, rubber stamps, scotch tape with QTH, stationary, Sterling Silver call letter bracket. Dozens of other personalized items for the amateur. Write for complte list — free. Chuck Baer K9TVA Enterprises, 6429 N. Glenwood Ave., Chicago 26, Ill.

FOR SALE: Gonset "Super 12" $40. Charles Phillips K4ZNH, 359 W. 34th Ave., Hialeah, Fla.

WANTED: All stations participating in our Worked All Florida County Contest get your logs in early. First prize a $25 U.S. Savings Bond, Second prize a beautiful bound copy of Volume III of Florida Skip. DON'T forget our 6 meter WAS contest which ends December 31, 1960. Another big prize will be awarded. SKIPPER, Box 501, Miami Springs 66, Fla.

FOR SALE: Saturn Six Halo for 6 meters only 2 years old. Price $12. Phone PL 9-6891 Donald Riecks, K8KLY/4, 1030 N.E. 95th Street Miami Shores, Fla.

HAM CLUBS: Send for your free copy of the 73 Magazine Ham Club Bulletin. Write Dept. F.S., 73 Magazine News Service, 311 Rosemary Road, Toronto 10, Ontario, Canada.

FOR SALE: BC-348 RECEIVER. Built in 115 volt power supply, continuous coverage to 18 mc, shock mounted, in good condition, complete with operation and maintenance manuel. $75 or best offer. C. J. "Boots" Gorman, K4KRB, 14430 N.W. 12 Ave., Miami, Fla. Phone MU 1-3100.

FOR SALE: For quick sale. BC357-J, new Beacon receiver (90 mc.) $6.00. BC-645 UHF xmtr 400 mc. Can be converted to 420 mc with very little trouble. It is brand new with cables, and tubes, $15. 100-TH tubes $4.00 each. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs 66, Fla.

WANTED: All certificate hunters — write Clif Evans K6BX, Box 385, Bonita Calif. for information on his new Directory of Certificates and Awards. The only one of it's kind in the world.

TRADE: Good used 4-1000A for crank up tower, test equipment, ham receiver, scope, six meter equipment, or what have you. Will pay or take difference. WANTED: 40 or 50 foot crank up tower, advise price and condition. J. King, W4JPP, P.O. Box 1042, Jupiter, Fla.

WANTED Active Radio Amateur familiar with Sound and Amateur Equipment for Counter Sales with an Electronic Distributor. Write full particulars as to experience and salary desired. F. L. Gantz, W4ICE, Electronic Wholesalers, Inc., Melbourne, Florida.

ELECTRONIC SWAP SHOP

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Write for our list of Trade-in Equipment, all in first-class operating condition, or let me know what you need.

Season's Greetings and I'll see you at the HAMBOREE in January.

RUSS PATTERSON, W4CPG
1733½ W. Hillsboro
Tampa 3, Florida
Phone RE 6-0919

DEAR MABEL

(QSY'd From Front Page)

left right then. I still think my chances would have been better in a 100 mph wind, than being in a shuttered house with Bob after he siphoned that gas. I mean, why didn't I remind him to have those cans filled last week? Well, I guess it was my fault after all. I only told him three times instead of six.

Clyde will be happy to know that our phone worked beautifully through the whole thing. I think there should be some kind of a law about that. The only happy thought I had when I heard the storm was coming was that the phone would probably quit working. We were without commercial power for 2½ days, but the phone kept ringing.

Of course Bob was too busy to answer it. He was trying to keep people off frequency that should have been just listening in the first place. He heard voices he hadn't heard in years.

He had plenty of help though. We had quite a few spare operators around here all the time. Funny thing though. Within minutes after they came in the door they were either hungry, thirsty or sleepy, usually all three. Bob spent fourteen hours straight at the rig one day, but I know I broke that record in the kitchen.

Bob does have one fond memory of all this. He said it more than rewarded him for all his efforts. That was when he handled a phone patch for the District Manager of the Telephone Company.

Well Mabel I've got to run along now and fix supper. I had planned a simple casserole, but good old Bob has five transformers baking in the oven.

Love, Griselda

ORLANDO RAMBLINGS

Hal Shea, W4BKC

Howard K4CFX and Jan Ficquette are the proud parents of a baby girl; Michele Elaine. Mike and his brother now have a sister to baby sit with.

Phyllis W4KNP and Bill W4-JVF are the parents of a male harmonic. Haven't been able to learn the name yet, but will catch Bill on the two meter net sometime and find out. Congrats to all the Poppas and Mammas.

Dave, W4TOD Chairman of the ARRL Southeastern Convention-Orlando Hamfest. To be held at the Cherry Plaza Hotel April 8th and 9th, 1961, announced that among the guest speakers will be Wayne Green, W2NSD Editor of the radio magazine "73" and Byron Kretzman, WMR,RTTY Ed. for CQ magazine. Dave also announced that Bill Allen, W4DTZ, 5116 W. Washington St., Orlando had charge of arrangements for the SSB dinner.

MY DONNA STORY

(QSY'd From Front Page)

didn't know how long he could remain on the air because all his equipment was badly sprayed with salt water. He closed down to mop up and we continued on 7285kc shortly thereafter.

URGENT TRAFFIC

Then came the arduous task of handling traffc. First came urgent requests for medical supplies, food and water as the only water sources (a water pipe from Miami to Key West) had been washed away in several places, not to mention part of the Overseas Highway and several bridge wash-outs.

All urgent traffic was immediately forwarded to the Red Cross, Civil Defense and the Homestead AFB where the supplies were flown down by Helicopters.

ENDLESS WELFARE TRAFFIC

Now comes the floods of welfare traffic from people stranded in the keys to be forwarded to their loved ones in all parts of the United States, Canada and Mexico. From the text of the messages came a grim picture of what happened in the Keys and of what we in the heavily populated Miami area were spared.

Editor: Florida Skip:

Just received SKIP sent me via K4OBD. A very nice publication I would like to ADD my call to your Phoney Phonetics. WA6-FAF — Fried Alligator Feet. I also call K4OBD, Mike of Fort Myers, Old Bull Dog.

In the San Fernando Valley we have two distinct clubs that are active. No. 1 Hiram Ham Hunters . . . Work any five of the ten numbers and get a white certificate, work all ten and get a BLUE one. No. 2 Cracker Barrel Net . . . Work five and get certificate. We enjoy working you fellows in Florida and would like to know of the clubs and any certificates that are available. If any of you hear us, give a shout.

Cecil, WA6FAF
Canoga Park, Calif.

(Editor: Cecil drop Clif Evans, K6BX, Box 385, Bonita, Calif. for info on Directory of Certificates—its a DANDY publication.)

OUTSIDE HELP

With the help of my wife, daughter and two neighbors, we started passing the messages by long distance telephones and for those with no phones — by telegram. After about 175 telephone calls we had a very heated disagreement with our party line as to the use of the phone. I called the district manager of the Bell Telephone Company and explained the circumstances. With a small amount of red tape we had two telephones with direct wires to long distance operators at the phone company in Miami. As calls came in, my radio, my assistants phoned them out. Things really clicked and we caught up several times. Collect telegrams were sent to all persons without telephones. I received a call from Mrs. Mike Eggert in Lake Worth, who was monitoring on her Zenith portable and she offered to take up collections from her neighbors to help pay for the telegrams.

NEW NET BORN

On the second day a new net was born. 'The Florida Keys Hurricane Disaster Net" on 7250 kc was in operation. I informed a local BC station WQAM that we could handle any traffic to the Florida Keys if at all possible. Stations in the Keys who did an outstanding job were: W4-TFT/4, Jim, Key West; K4JRK, Paul in Marathon; K4UEB/4, Mike, Islamorada, K4FFT, Dick, Homestead AFB and W4CNZ, Bert in Key West.

TEARS OF JOY

Mr. Kline tried for 2 days through Red Cross, Civil Defense, Police departments to get word from his brother in Marathon. All told him it was impossible to help him due to lack of communications. Mr. Kline got my phone number from WQAM. His message was given Paul. Paul closed down his station and searched for Mr. Kline's brother and after finding him returned with a message of "All Safe." I then phoned Mr. Kline and the good news and with tears of joy made me realize just how much people appreciated what we were doing and people all over the US would sleep well once knowing their loved ones were all right. There are dozens of interesting stories that I could tell, but space does not permit.

MINOR BREAK DOWNS

Paul, K4JRK using a Johnson Valiant only had 2 minor break downs. He handled vital traffic and information to the Post Office Master General of Miami, Bell Telephone Co., Florida Power and Light Co., Miami Herald, Public Gas Co., Red Cross, and Civil Defense just to mention a few. Hour after hour, day after day traffic flowed in and out of the Keys through amateur stations. Paul who is handicapped should receive the Edison Award for his excellent work. (Editors note: Frank, get in your nomination to G.E. with support letters soon as possible.)

THE TOTALS

K4UUC's log shows the following totals on Hurricane Donna: operating time 120 hours, messages received 412, originated 233, sent 250. Long distances calls made 395, phone patches 29 and telegrams 19.

SINCERE THANKS

I would like to express my gratitude to the long distance operators who worked with us through this operation. They were of great assistance to us and really worked to get the calls through. I want to extend a vote of thanks to my second op, Vince, K4VSB, who did a wonderful job taking messages and handling the net while I took a break. Team work payed off and our sincere thanks to all other amateurs who gave support throughout Donna.

73, Frank, K4UUO

(Editors Note: To all amateurs mentioned above goes the FLORIDA SKIP AWARD for services rendered to the public during Hurricane Donna — with our congratulations!)

ANTENNA ORDINANCE

A last report on the Gainsvill Antenna situation is: Hearin was called for the 7th inst. bu chairman told us they had post poned it to next meeting the 21s inst. to give them a chance t study the new proposed ord inance.

This new one is a humdinge for fair, it raises permit cost fo the private applicant to $5.0 while the cost for TV men is $0.5 a piece when purchased in lot of ten. There is a provision ex empting Amateurs from the pro visions of the ordinance, whic we hope will hold up in the dis cussion and final action.

The cost of building permi here is $3.00 for which one ca put up a building worth say an amount or even a court hous but the permit to put up even th simplest antenna or even a single receiving wire hung to a tree will cost $5.00. Not muc chance for the poor citizen wher the politicians get to work on him.

The current ordinance is not in final form so I will not send another copy now but will when it is final.

Tom, K4YCX

FLORIDA SKIP

FLORIDA SKIP

A Non-Profit Organization

OL. 4 — NO. 8 | The All Florida Radio Amateur's Publication | JANUARY, 1961

Dear Mabel,

ar Gladys,
Don't have time to answer ur letter right now. Gosh I'm a mess around here and to ke matters worse (or maybe tter) Clyde won't speak to me and that's a whole week now. e baby has the hives, the wash- won't wash, the phone is out oh heck, never mind.

But I don't see any reason for yde to blow his top like he did. long as I have been around s shack, you can believe I n't know anything about radio. was fussing with some new ng and he stuck a wire out of e window and hollered for me put some ground on it. I got pot, put some dirt in it and ck the wire in. I put some ound on it.

Well, something in the house nt POW. I don't think anyone er got a worse dressing. I know never did. It kept up for at st an hour.

Oh, oh, someone's trying to eak the door down. Bye now.

Love,
Mabel

he above was sent in by a guest umnist from Howey-in-the- lls)

ar Mabel,
My goodness, some of these ys fly into a tizzy over noth- g at all, don't they? I think y love us but they feel more otective to the rig. Ever had n call you from the office in e middle of a raging thunder- rm and say, "How about dis- nnecting the antenna for me, afraid lightening will hit nething in the shack?" Makes you stop and think, doesn't it?

Love,
Gladys

Dear Mabel,
It it a prime requisite of ham-dom that the shack resemble an explosion in a parts factory? I admit to seeing only one (1) neat ham shack in my years as an XYL. Most are perfect examples of confusion compound with commotion. Or how to add the Xtra X to XYL.

XYL of K4RQV

Dear XXYL,
Look at the bright side. Ham radio would be a sedentary hobby if the OM didn't have to maneuver around the junk to get to the rig. When you have a han who must sleep, leap, lift, squat, stretch, jump, twist, and bend to make his way among the obstacles in the shack you have a man keeping in prime physical

(QSY To Back Page)

And they said "it couldn't be done," but K4BOO of Ocala traveled to Pompano Beach and "did it." Meet the new SCM of Eastern Florida, Albert L. Hamel, K4SJH, 1300 NE 42nd Ave., Pompano Beach. "Ham" stated many times no one could squeeze in his small shack to get a picture. K4SJH is Florida's top traffic man and has served as ARRL Route Manager for the past year. Our congratulations to a top-notch amateur and good luck for the next two years as SCM! Our hats off to John F. Porter, W4KGJ, of South Miami for doing a excellent job the past 4 years.

FINAL FIELD DAY RESULTS

It was announced in the August SKIP that the Hurricane Radio Club of South Miami were the winners of the 1960 Florida Skip Field Day Trophy. Since that time we have been informed through the final results published in the December QST that the Hurricane Radio Club (K4-TGY) scores did not appear. A quick call to the Clubs President Jerry Kratz, K4LRA was made by your Editor which revealed that the Club's FD scores were returned to ARRL. The logs were never returned to ARRL to be entered into the contest.

As published many times in the past three years, all FD scores must appear in QST to be eligible for the Florida Skip FD trophy. This of course makes the Hurricane Radio Club ineligible. Their CLAIMED SCORE was 9187. Second in line was the Orlando Amateur Radio Club (W4PLB) with a CLAIMED SCORE of 7336. Their score appeared in QST. This officially makes OARC winner of the 1960 Trophy.

The presentation of the Trophy will be at the Miami Tropical Hamboree January 15th, Sunday afternoon.

Our sincere regrets to the Hurricane Radio Club and our heartiest congratulations to the Orlando Amateur Radio Club. This makes TWO years straight for W4PLB. 1958 Dade Radio Club, Miami; 1959, Orlando Amateur Radio Club; 1960, Orlando Amateur Radio Club and 1961 — WHO?

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for 1 yar or $4.00 for 3 years for my membership to Florida Skip.
New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

FROM THE EDITOR

After another successful Skip Staff meeting at W4JO's QTH, the following was decided:

1. Since the Skip membership continues to grow at a healthy rate and our advertisers are giving us excellent support we are able to reduce the yearly membership rate. All new and renewals through the clubs and Skip advertisers go at $1.50 a year. All mailed direct is the same $2.00. The new special rate is three (3) years for $4.00. This special rate will save us book work and mailing notices and will save you two extra "checks." Of course all new and renewals will be issued an atractive membership card which can be carried in your wallet or posted at the operating position as a reminder of expiration date.

2. Starting with this issue we will have a new look on the front page. We hope you like it. If so, tell the publisher, K4LQS, it was his idea.

3. We intend to keep up the PHOTO and DIAGRAM page each month. If you have a sharp picture of a good diagram please send it along. If possible we'll try to get it in. By the way we have extra diagrams of all those that have appeared thus fr — free for the asking.

4. We'd like to remind everyone that Florida Skip has been running a special service to its members. See the list of free items listed elsewhere. Any item or items will be sent free of charge. A SASE (Self Addressed Stamped Envelope) will help, but not necessary). Skip is presently sponsoring a 6 meter WAS contest which ends December 31, 1960. The winning prizes, a beautiful trophy or plaque and a bound copy of our "Third Edition 1959-1960" just off the press. Our Florida Skip FD trophy is going in its fourth year coming up, so keep FD in mind.

5. Our most used service the HAMBAR section of each issue. 8housands of amateurs have taken advantage of the service at no cost whatsoever. This is one of our biggest features in Skip. (See next to last page).

Seasons greetings to all and a special thanks to all our correspondents and advertisers for putting Skip where it is.

NEW SKIP RATES

If you didn't read "From the Editor" (p-2) in this issue, you might like to know our new rates. All new and renewals through a radio club or through Skip advertisers is now $1.50 a year. All others sent direct to this office will be $2.00 for one year or $4.00 for THREE YEARS.

We are happy to announce since Florida Skip membership continues to increase at a rapid rate and our advertisers are kind (bless them all) we are now able to reduce our rates. (While everything else goes up, we go down.)

The $4.00 for 3 years will also reduce our book-work and mailing of notice cards and helps you also by nt bothering you each year for another check. We hope this meets with your approval.

LETTER TO THE EDITOR

Editor, Florida Skip:

I wish to take this opportunity to express my utmost appreciation for having been awarded the "Florida Skip Award." It was a real surprise to me to be so honored. I hope I can continue to be of assistance in normal and emergency times through Radio Communications.

Sincerely,

73-Walter H. Stock
W4IIS

Andy Clark. W4IYT, Editor
P. O. Box 501 Miami Springs

Frank Orcutt. W4JO
Advertising Manager
2752 S. W. Third St.
Miami

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Business Manager
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FLORIDA SKIP CORRESPONDENTS

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R. A. C. E. S., W4UHY, Art Melvin, 1023 Brandywine St., Jacksonville.

LETTER TO THE EDITOR

Editor, Florida Skip:

Today, I was happy to have been nominated for the Florida Skip Award, and I accept it on behalf of the help and co-operation of my fellow amateurs, who did so much during the Hurrican Donna. Each one did a herculian job in alleveating the anxiety of all concerned.

To the one who nominated ne — many thanks.

Harry L. Fishel, W4CQZ
Fort Myers, Florida

HOLD ON PLEASE

And that reminds me of the story of the new airplane so modern that the crew didn't have to go up with it. Everything was managed by buttons.

iWth 100 passengers aboard the plane made a perfect takeoff, then an announcement was made over the public address system:

"Good afternoon, ladies and gentlemen," a voice said. "Welcome aboard the first flight of the UZ-9008, the most modern passenger plane ever built. It is pure jet, flown entirely by radar, electronics, and other scientific means. This is your pilot speaking, but I am at the airport with the co-pilot and rest of the crew. Do not worry, because everything has been tested and is foolproof — foolproof — foolproof — ."

DX, W4LVV, Chuck Bolvin, 2 SW 27th Lane, Miami 33.

Net, (FPTN) K4LCF, Herb Zeigl Box 12, New Smyrna Beach.

NOVICE-FORUM, W4UHF, H. R Scott, 3607 Omar Ave., Tampa

VHF in Florida. Allen A. Englem W4RWU 2442 Pine Estates Road S Jacksonville 8, Fla.

Net, (FMTN) W4GJI, Tip Curran, Box 48, Palm Beach.

Net, FAST and Sidebanders of Fl ida, Bert Witham W4CNZ Quart R-6, USN Station, Key West.

Net, Dade DEN-6, Walter Stock W4IIS, 7400 NE 6th Ct. A 6, Miami 38.

VP7 Land. VP7BH, Bill Morris, NAA c/o PAA Eleuthera AAFB Patrick AFB, Fla.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 Columbia St., Orlando.

Club, W4LJM, David Nelson, 2 Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferr 1364 N.W. 23rd Ct., Miami 35.

Club, K4BY James D. Felsenheld, 3404 27th St. West, Bradenton.

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, K4GPJ, Red Clotfelter, 610 60th St. Hialeah.

Club, Fort Myers, Ken Stewar W4SMK, Box 1745, Ft. Myers, Fl

Club, Lake Co., Irene Conklin, K4LP RR 2, Box 466, Bassville Park, Leesburg, Fla.

Club, K4RXD, Betty Darsch, 274 Ave. P, N.W., Winter Haven

Club & Net. Suncoast VHF. Clyd London K4EUJ, 4829 Caesar Wa So., St. Petersburg.

Club, South Miami. Joe Caplano Jr K4VFW, 10260 SW 34th St., Miami.

Club, DBARA, K4RNS, Marg Campbell, 24 Palmetto Dr., Ormond Beac

Club, Broward, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET, Bob Street, 116 Ir nois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolam 216 Doris Dr., Lakeland.

FLORIDORA NETS, K4PPX, Fra Adams, 1000 SW 31st St., Ft. Lau erdale.

Hint & Kinks, K4UGC. R. V. Fre erick, 460 NW 108th Terr., Miami 5

Net, Hillsboro AREC 6M. Ne K4LLG. Joe Mills Jr., 3622 S. Hube Ave. Tampa.

SCM E. Fla. ARRL. John F. Porter, W4KGJ, Box 7295, Ludlam Branch, Miami 55.

SCM — WEST FLORIDA. FRAN M. BUTLER JR., W4RKH, 4 Elliott Rd., Ft. Walton Beach, Fl

FLORIDA S K I P NOMINATIN COMMITTEE: Fran Foley W4BI 1468 — 63rd Way, No. Clearwate Herb Hamilton. K4KDN, 1524 S Lake Howard Dr., Winter Have

BROWARD RADIO CLUB (W4AB)

At a recent BARC meeting the llowing officers were elected office for 1961. Pres. Albert L. amell, K4SJH; Vice-Pres. James aske, W4YOX; Secty. Maynd Farnham, K4EHE and Treaser Ed Wheeler, K4LJS. (Back r another term). One and all e happy to have the privilege holding these offices and with ur interests in mind we sinrely hope to serve you as well the officers of the past.

This year was financially a od year for the club. The largt single source of income we dend upon is our annual auction. cond to this are membership es. In this way we have, over w years, been able to furnish r club station W4AB, with dendable communication equipnt. Also, we are able to enter o numerous activities, whether ey be for communication contts or ofr everyone to get tother. These sources of income ll provide expenses. As a render, next year's dues will be yable at the next meeting.

You are requested to see the ction Notice and W4IM's silent y notice elsewhere in this IP.

MIAMI SPRING RADIO CLUB

Hope everyone had a fine Holiday Season, and hope old Santa left everyone a S Line (with linear), a bunch of coax, and a rhombic (with attached vacant lot). Santa left a bunch of unpaid bills at this QTH, so I guess we will keep the homebrew 10 Mtr xtal converter another year for the transmitter hunts. The Springs group STILL operates a hidden transmitter every Friday evening at 2000 GMT (Thats 8 PM Mabel, just when the good Friday nite modulated milk bottle movie comes on). Turn off the TV, fire up a 29 mc converter and loop and FIND the powerful five watter of Miami Springs. Don't be discouraged if you can't hear the signal at first (SOME club memebrs have never heard it), drive around in the North West section of Dade country to locate it, as the signal only covers about a five mile radius from the xmtr. Call any Springs club member for more information — We Need Hunters.

Mike Carrol W4LZL with the FFA is now in KC (thats Kansas City, Mabel, not Kilocycles). Mike just completed round the world and Far East check trip with TWA. Look for Mike soon to be on with a KWM-2 and those good long rag chews.

Still nice to hear a lot of the Springs people checking into the Dade Emergency Net on Mondays 29.5 mcs. Keep up the good work fellows. Also remember the club elections this month, January. Attend the meeting this month so you can participate in electing YOUR club officers — it could be YOU.

George K4YSV, just completed a dandy conversion to his 75A3— it now has a product detector just waiting for a HT37 to go SSB. President Herb K4GGX has accomplished an engineering feat — a tri band quad 55 feet high on a utility pole with a Simple "fold over" mount for easy installation. Now all Herb needs is a 32S-1 xtal to convert the rig to the CLUB frequency. Boots K4KRB still QTHing way up there near North Miami participates in the weekly xmtr hunt. So does RED K4GPJ from Hialeah. Bill W4ZCD will be back in a few weeks after reworking his mobile rig. Mike K4GYF has transferred to New York with EAL. Sandy, our newest club member is getting setup with equipment with some help from George K4YSV. Happy New Year and 73's — RB

FIFTH ANNUAL AUCTIONFEST

The Broward Amateur Radio Club, Ft. Lauderdale continues it's popular all-day auction and get-together, Saturday, March 11, 1961, with several innovations: The date has been set back a month to give area hams a breathing spell from the Miami Hamboree; and inasmuch as previous auctionfests have seen too much gear present and too little time to auction it. Auctioning will begin at 10 a.m. with a break for lunch. Plans are also afoot to arrange gear so that it may be inspected while auctioning proceeds.

PLACE Armory, Ft. Lauderdale, Fla., South West 4th Ave. and 24th St. (Route 84). DATE Saturday, March 11, 1961. TIMETABLE Doors open to receive gear at 8 a.m. auctioning at 10 a.m. FREE lunch at noon. AUCTIONING at 1 p.m. DONATION .50. Club fee 10 percent. Retail rooms available. (Clip out and save this.)

TROPICAL HAMBOREE

MIAMI BAYFRONT PARK AUDITORIUM **JANUARY 14 and 15** **Saturday and Sunday**

- **HAMFEST** — Tech-talks; Contests; ARRL, MARS, DX, Old-Timers, VHF, SSB meetings; Auction; Prizes: HT37, SX-111, Beams, 4-400s, 4-250s, VHF converter, Airline tickets, and many others.
- **MANUFACTURERS' SHOW** — Thirty booths — Bigger and Better than last year — Receivers, Transmitters, Towers, Antennas by nearly every Major Manufacturer. Herman's, Walder's, A. R. C., and Electronic Wholesaler's are cooperating to show many additional items. Two booths especially for Novices and Beginners.

BIG SATURDAY NIGHT BANQUET at BISCAYNE TERRACE HOTEL

- **SPEAKER:** Gus Browning, W4BPD, fourth call area top dxer describing his July-December dxpedition through Europe, Africa, Indian Ocean, and "Behind The Iron Curtain" with movies and slides.
- **REGISTRATION** — Covers both days and prize drawings — $1· Banquet — $5 Biscayne Terrace Hotel — Hamboree Rate — $8 Single, $10 Double.

FLORIDA SIDEBANDERS

Guess I'd better start off with a small apology. This past month, yours truly has been snowed under by a varied pile of official and unofficial duties and several guests at the wrong time. Thus, having missed three Sidebander meetoings in a row, and since nobody else has supplied me with any news; I find myself without much to write about. I do know that the Florida Sidebanders still holds fourth on 3940 KCS at 1700 hours each Sunday and would welcome any new SBB'ers to the gathering.

Two new calls heard recently were W4NY — Bob, Lakeland and W4UWW — Wally of Sarasota.

Elections for the next six months officers took place on 11 December and will be reported next month.

Since a little space is available here I would like to quote a letter to W4QJI — Tip, from K8-CJI — C. A. Plummer of the Heath Company.

"I certainly will "roger" your sentiments on the SB-10. It isn't so much the building of the SB-10 tnat causes the splatter in the bands but the beginners or newcomers to sideband just seem to drive them too hard, either from the driving unit such as the DX-100 or, they use far too much audio gain trying to get the extra watts into the antenna. Very little power is actually needed to drive the SB-10 and most of the fellows do have a tendency to overdrive it causoing poor suppression and splatter. Those that you hear on the air that are operating properly you can usually find that they have either been coached or through experience found that by backing down the controls, they don't loose any power but certainly clean up their signal."

So there it is. See you next month.

73 Burt/W4CNZ

SUPPRESSED IGNITION FOR MOBILE INSTALLATIONS

By E. E. Burkhart W4LDF

ex-W7SUI

For those who are pleged with the problem of QRN from other own auto ignition system while trying to enjoy the pleasures of ham radio from the model "T," here are a few hints that have been found valuable to more than one ham. (Two that I know.)

Spark plugs: Auto-Lite resistor type spark plugs, and in rare cases sheilded ignition wire.

Distributor: Check rotor blade and contacts for wear. Clean with carbon tet. (Keeping liquid off rotor contact button in center of cap.) If no resistor is built into distributor cap center tower, 10,000 ohm (Ire type L7VR-10ME) is recommended.

Generator: Coaxial .5 mfd (Sprague 48P18, rated at 40 amps) is recommended. Case of coaxial condenser should be grounded to generator frame under screw provided for usual bypass that is removed. A series trap tunned to the ham band in question: 8 turns of no. 10 enamel 1 inch diameter shunted by a 3-30 mmf mica trimmer will help, (Less for higher bands). Place in series with the coaxial condenser.

Voltage regulator: Cornell-Dubilier NF-10270-1 coaxial condenser in series with lead from voltage regulator to battery, and also one to the generator.

Low voltage cirucits: Sprague 48-9 (.1 mmf Coaxial) sometimes needs to be added in the lead between the ignition switch and the ignition coil.

Clamps: All crimp type connections should be eliminated and replaced by good soldered connections.

The B.C. receiver in the auto can cause considerable headaches. Change the .005/1600 vdc buffer condenser in power supply and add .001/400 vdc across vibrator contacts. 10 MFD/25 vds across battery lead to arm of vibrator. Check and clean with steel wool all grounding connections including frame of auto radio. A new high voltage rectifier (0Z4) in rare cases may help. Be sure and check the grounding of the coax shield of the B.C. Antenna. (At both ends.)

Use of heavy flexable bonding strap between the motor and chassis (Auto chassis that is.) The use of wheel grounding static collectors, use of Chevrolet antistatic wheel power.

These are just a few of the things that one can do to eliminate the mobile headaches, but for the most part — they are the majority of the things necessary to cure your headaches. (Editors note: If these don't work — try Bufferin.)

Credit is due the Auto-lite company for some of the above mentioned remmodies, from their brochure — "Suppressed ignition for two-way radio installations." For further information in this most interesting pamphlet write: The Electric Auto-lite Company, Toledo 1, Ohio.

CALL "E. E." FIRST

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WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Tallahassee: MLE has been appointed Section Emergency Coordinator. Anyone interested in apopintment as EC contact him or your SCM. It is hoped to have a state-wide coordinated emergency communications plan in effect soon.

Monticello: K4BDA has joined the W. Fla. Phone Net and will provide much needed contact with this area. W4SIU is Asst. EC. for Dixie County. He and W4-SIT in Port St. Joe are both FHP troopers. K4QDN reports several Novice prospects in Quincy.

W4LXK visited in Ft. Walton recently; he promises to be on WFPN as soon as he finds some 75m coils for the rig! Managers K4VND and WEB report both AM and PM sessions of WFPN doing fine. QFN is now one year old and still going strong, thanks to UBR.

A new directory of hams in Okaloosa County is available from RKH. MLE has prepared a similar list for Leon County. K4-ZMV built an electronic key, and is up to 93/87 on DXCC.

PARC sponsored a Project Alert program in Pensacola. 10m bunny hunts are the rage in Ft. Walton. 2m activity is increasing, with K4FTI, K4YVJ, W4UUF and W4MS on in P'cola, and 10-15 stations on 145.2 around Ft. Walton. AXP represents W. Fla. in LO Parties. New appointments: ROM as 00; WEB as OPS. More applications are invited.

ORLANDO RAMBLINGS

Hal, W4BKC

As Gabriel Heatter used to say "There's Good News Tonite" and that's no foolin. It has been confirmed by Aandy, W4-IYT that the Florida Skip Field Day Trophy will be on it's way back to Orlando soon, which means that the local Orlando Amateur Radio Club Inc. has been declared the official winner of same per the published scores in QST, for th second year in a row. Needless to say the local gang who worked so hard, despite numerous handicaps, were really elated at the good news. Glad we won't need that crying towel we sent via Andy.

Bill W4JVF and the boss lady Phyllis have named their youngun Chris, and in keeping with the holiday season, the Godmother of Chris is named Carol.

Joel, W4VVZ and Sandra have reason to be pround that Daniel chose them to be his parents. Let's see that makes him an inl come tax deduction this year, doesn't it Joel?

Bob, K4TTZ, Ace, K4AKQ and Hal, W4BKC had a real surprise on the evening of Dec. 7 when they worked Dick, K4DU who said his QTH was So. Venice, Fla. that's a real haul on two meters. Couldn't find you in the Call Book Dick, but if you read this, we all shure would like to exchange QSL's with you.

Wes, K4KRG and Case, W4N-GR participated mobile in the Sanford Xmas parade and got in a few good plugs for Civil Defense.

The Hamfest and Executive meeting held recently was the occasion for a chance to have an eyeball with Chuck Plummer K8-CJI who is with the Heath Co. of Benton Harbor, Mich. He was down here for a short visit with Uncle Ernie K4GHL.

Dave W4TOD and his Hamfest — ARRL S. E. Convention Committee are working on a $5.00 package deal which will include a Banquet ticket, 2 Main prize tickets, 1 admission ticket and admission to the ceremony of the Royal order of the Woulf Huong. Bught seperately tickets wuld be $7.50 so it will be a real saving to get the early reserfvation package deal.

W1AW CODE PRACTICE

Transmissions for practice only: Sunday through Saturday (W1AW) start at 9:30 P.M. EST. Official Bulletins and CRPL radio propagation condition information from W1AW are sent 18 w.p.m. at 8:00 P. M. and Midnight (EST), Monday through Friday, also Saturdays at Midnight EST, and Sunday at 8:00 P. M. EST.

SEASON'S GREETINGS

FROM ALL OF US TO ALL OF YOU

"Wiley" Gilkison (W4WSJ) The Senator

"Dick" Adcock (W4GL) Pappy

"Elmer" Bradley (K4AZQ) T-Bone

"KC" Gannaway (W4ABU) Ma Bell

THANKS FROM THE BOTTOM OF OUR HEARTS FOR YOUR TREMENDOUS RESPONSE TO OUR EFFORTS TO OFFER YOU A BETTER "HAM STORE" WE WILL CONTINUE TO SEARCH FOR NEW IDEAS AND WAYS TO BETTER SERVE YOU THE "RADIO AMATEUR"

Amateur Radio Center, Inc,

2805 N.E. Second Avenue
Miami 37, Florida
Phone FRanklin 4-4101

SEASONS GREETINGS FROM
W4WSJ and W4AZQ
Wiley Elmer

FPTN CHATTER

Another month gone by and another member of our great fraternity has laid his mike aside. Danny, "W4NW" Orlando passed away in his sleep Sunday morning at 5 A.M. October 30th. Another great christian man, K4-QDX Roy in Leesburg passed away October 8th. Just stop and think fellows . . . These, our fraternal brothers are monitoring all of our nets . . . W4NW — W4-ZB — K4QXD — W4NAK — W4-PZT — They will all be missed. Net Happenings:

W4DVR was in the hospital in Ocala but is out now and must take it easy for several months. Mac will not be able to get upstairs to his hamshack, so we will miss his fine services for a while.

W4CNZ on vacation 6-7-8 October and on TAD at Norfolk, Va. the 18th thru the 31st. We are once again enjoying his fine job of NCS each Monday.

Thanks to W4YBL, Andy in Charleston for continually making effort to keep FP TN freq clear up on his end.

K4OZS, Larry Ocala received his conditional this month and reported into the net one time. Don't be afraid Larry, come on in and get your feet traffic wet. W4JQ has been heard several times just prior to net time. Come in Fella. W4KET, Herb, Ft. Myers checked into FPTN several times . . . come again Herbie.

W4FJE, Mark, as usual in and out occasionally. W4FE, Art, Howey In The Hills is one of our new net members. Welcome Art. W4SDR, Clyde, DB in and out as usual. Also W4UZB checked in once. W4ACT, Naples . . . Let's hear you a little more often.

W4DSG, Winter Haven . . . Why just the one check in? Come on Man JOIN. K4SJH trying to get on with Pinkerton Detective Agency . . . watch out men . . . don't steal anything — maybe bribe will help?

Information from Don W4QCP . . . Advises that he now has his HRO-7 back into operation but has found that HRO-50 coils are not interchangeable. Don uses A Viking One Trans . . . That tower behind his house ? ? ? ? Border Patrol Equipment . . . Oddity of the month . . . K4YOQ, Tampa and K4AYQ checked into the net the same morning. What do we do to deserve all of this confusion ? ? ? ?

.holes little these with trouble having Still
,Herb Hi

HOW IT ALL STARTED

We are sure you all know what ARRL stands for, but in case you don't it is the American Radio Relay League, West Hartford, Conn. This is the way it all started.

One evening in March 1914, the late Hiram Percy Maxim (W1AW) of Hartford, Conn., scientist and inventor and an ardent radio amateur, was sitting at his station. He wanted to communicate with a fellow amateur in Springfield, Mass. He contacted a station midway between the two points, in Windsor Locks, and asked this station to "relay" the message. It was done, and a reply received promptly. While this principle of "relaying" was not new, something about this particular instance set Maxim thinking.

The next morning on the way to his office an idea dawned. This "relaying" of radio messages was a common bond between amateurs and could serve as a foundation of organization of the hundreds of amateurs throughout the country! His idea met with enthusiastic response at a meeting of the local amateur radio club. With several others, he set about forming an organization which they called the "American Radio Relay League," and which was destined to become the national body of the amateur fraternity. Amateurs, eager to group together under a common banner, joined and supported the League, and soon amateur radio relay networks were established covering the country.

Hiram Percy Maxim, (W1AW) served as president of the ARRL from 1914 to 1936. Today, most all radio amateurs become members of the ARRL as soon as they receive their FCC license. Many become members even before they have call letters. The league is non-commercial and no one commercially engaged in the manufacture, sale or rental of radio apparatus is eligible to membership on its board.

(Above by Harry A. Tummonds, W8BAH, taken from the Cleveland Plain Dealer.)

ANTENNA ORDINANCE

Progress report on Gainesville Amateur Ordinance situation: The City Commission has postponed the hearing again. Looks as though they figure soon, the objection will get tired of showing up and they can passit without opposition.

73 Tom, K4YCX

MESSAGE BLANKS

In October issue a sample sheet of our Florida Skip message blank was enclosed. We are happy to say we received floods of orders for them. Thank you all.

It was decided to offer these blanks at a cost basis to traffic men aywhere. We give one day service which cuts down on long delays waiting for a fresh batch.

The postage costs Skip .20 cents. The cost of paper and printing much, much more. The blank paper is of newspaper stock which allowed us to attempt the pjob and still not overcharge anyone. The blanks, 200, are padded in 50's and perfect for ball point pens and mills.

We still have 52 packets already to mail. If you want one drop a buck to: Skip, Box 501, Miami Springs 66, Fla. We will have a good supply at the Tropical Hamboree January 14-15th.

WINTER HAVEN ARA

Peggy Frishe, KN4RTJ

On October 10, 1960 the regular meeting of the WHRA was held at the Tampa Electric Communications Center.

Following a short business meeting a program was presented by Earl Miller, K4HFF, Head Communications Engineer for Tampa Electric Company. In his talk Mr. Miller explained the communications system of Tampa Electric which he said included AM, FM, SSB, telephone, telemetering, carrier current microwave special relaying and cable. He explained how these systems worked, how they are used, and where they are used.

Following the talk we were given a guided tour of the Winter Haven microwave station. All told it was an extremely interesting and informative program.

FLORIDA SKIP AWARD

Here is another list of lucky amateurs who have received our FLORIDA SKIP AWARD for meritorius service, such as key stations in emergency communications work, handling a total of 200 messages or more a month, conducting code and theory classes etc. Congratulations to you all.

31. K4KDN, 32. K4RNS, 33 K4-RNR, 34. W4PJU, 35. K4RZQ, 36. W3CUL, 37. K4AX, 38. K4-IGG, 39. K4GEW, 40. K4DSN, 41. K4OII, 42. K4EHU, 43. W4-LVV, 44. W4SHJ, 45. W4ZPO, 46. W4DTJ.

BLACK LIST DX

Article 42 of the Atlantic City Radio Regulations provides that "radiocommunications between amateur stations of different countries shall be forbidden if the administration of one of the countries concerned has notified that it objects to such radio communications." Pursuant thereto, several countries have filed such objections at one time or another and a list of these countries has come to be known as the "Banned List." In mid-1958 the Federal Communications Commission announced that Laos had withdrawn its objections and was accordingly being removed from the banned list. It now develops that there was an international misunderstanding, actually, Laos, still has formal objections on file with the International Telecommunications Union. In keeping with U.S. policy, amateurs are, therefore, again prohibited from communicating with amateurs in Laos (XW8), along with three other countries remaining on the list: Cambodia (XU/XV), Viet Nam (XV/3W), and Indonesia (PK).

(From W1BUD)

AMATEUR F.C.C. REGS

"The following amateur regulations are published for your information and guidance. Read them carefully please."

12.157 Obscenity, indecency, profanity. No licensed radio operator or other person shall transmit communications containing obscene, indecent, or profane words, language, or meaning.

12.158 False signals. No licensed radio operator shall transmit false or deceptive signals or communications by radio, or any call letter or signal which has not been assigned by proper authority to the radio station he is operating.

12.159 Unidentified communications. No licensed radio operator shall transmit unidentified radio communications or signals.

12.160 Interference. No licensed radio operator shall willfully or maliciously interfere with or cause interference to any radio communication or signal.

12.161 Damage to apparatus. No licensed radio operator shall willfully damage, or cause or permit to be damaged, any radio apparatus or installation in any licensed radio station.

12.162 Fraudulent licenses. No licensed radio operator or other person shall obtain or attempt to obtain, r assist another to obtain or attempt to obtain, an operator license by fraudulent means.

TROPICAL PHONE TRAFFIC NET

'hese famous last words are rd on a very quiet frequency 223Oz 3945kcs: "CQ CQ to the pical Fone Traffic net this meets . . . . and out of the e sky, the b and suddenly turns a living nightmare. More riers than you'd think were in stance are piled onto this one ely frequency. I've reports that er nets have been plagued by s same kind of frustrating sode but didn't really think it s as bad as all that until I erienced it myself . . . what a se ! !

Ve have some more new mem- s to add to the growing list of TPTN. K4LVE Gladys, Ocala. EAT Carl, Jax. W4CYH Jim, ke City. K4FMA Don, Miami, o finally got his antenna back after Donna had the honors of cking it down. Once in a ile, when Art W4FE checks in can hear an echo on his signal . that's Ruth K4ANR but she 't get on because she is scared get her genreal ticket. HI

3y the time you'll read this you l be wondering how to deliver se week old Xmas messages. u can just blame it on the ple who waited for the last ute and selfishly thought they e the only ones to send out traffic. It happens every year.

Jovember averages: stations avgl 9.9; traffic 258 avg 8.6.

Let your antennas hang in the 73 Dan K4EHY.

HEY HAMS!

The Hy-Gain people sent us y for their Hamboree ad and uested a proof before publi- ion. We just didn't have time send one on accounta because didn't have time.

So, all you guys stop at their th, say hello and tell them ir ad looks REAL GOOD.

K4LQS

Please check into this before or after church.

A new 6 meter (Southern) Net is started on Tuesday mornings 50.330 at 10:00 a.m. All the gals have been taking turns as net control . . .

Happy Birthday to:

Jan. 4 — K4OYB; 10 — K4-PPX; 12 — K4UFQ; 17 — K4-VOT; 20 — K4ICA; 25 — W4-UMI . . . .

May I Personally . . .

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Andrew A. Andros

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FLORIDORA YL NEWS

By Fran Adams K4PPX

K4ANR-Ruth had a ball on 6 Meters during the last band opening. She had K4RNS/RNR visiting her who helped put her beam up and then she realized 6 was opened. Ruth is a ½ Ga. Peach. W4BWR-Ruth checked into the net on CW.

W4BIL-Fran is building a Heathkit Sixer and says it's almost ready adding a few changes. Fran has been busy in her home and yard. Gals, says it's beautiful, strawberries and tomatoes, too.

W4CWV-Annette says she and her om Tommie have been taking up ballroom dancing and havloads of fun.

We were all sorry to here about K4HSC-Meg being in the hospital. It turned out that Meg will have to take it easy for a while and had to give up being Treasurer for the Floridoras. Hope you get well, Meg. Our new Treasurer is Jeri-K4RCX.

K4JKK-Stan checked into the Sunday net for his xyl who is W4PXY-Patty who is waiting on a rig to join the 6 meter group. Let's do that again, Stan . . .

K4LPV-Irene is NCS for the month of December and putting in a nice Signal. K4LCD-Marge checked into the SSB net. Marge hasn't been well lately hope it's not serious.

K4LVE-Gladys checks into the net with a very good signal. Gladys is enjoying our beautiful weather and will be NCS for January. W4MUY-Dot and her OM Ken had lunch with Anne K4RDX in Stuart. They had a nice visit.

K4OYB-Vivian went dancing and met K4RED-Lucy. Vivian was telling the gals how nice Lucy looked since her diet. Lucy had a ball dancing. K4RHL-Ellie checked into the SSB net. K4RCX-Jeri had a QSO with Joan K4JXZ. Joan says she'll try to check in the net.

K4RNS-Marge received her 3rd. Ga. Peach, also sticker No. 6 for YLCC already, is working for No. 7. Marge had company from Penna.

K4RED-Lucy says she finally cooked her first turkey. It was good, too. Lucy is dreaming for the day to come when she will be able to go to England for a visit. Hope you make it, gal.

K4RDX — Anne has dropped the "N" and checked in the net. She sounds good. W4UF — Dot is back after her wonderful trip around the world. Dot is in Gainesville and using her other call W4ZKD. Dot told the gals about her trip and sounds like she had fun. She will be going back to Englewood Dec. 21. Dot also had an eye operation that wasn't serious.

K4VOT — Abby checked in the 15 meter net but hasn't a 40 beam up yet. Hope you will soon, Abby. W4WYR — Ev heard she was in the hospital and hope she is better by now. We miss you, Ev check in some time.

W4WPD — Shirley was NCS for the month of Nov. and did FB job. Also Shirley is on the nominatin committee.

W4IUR — Mim is chairman of the nominations and have already had her meeting with her girls K4ANR and W4WPD — Shirley. They picked out their slate of officers and the letters are out. Now they are hoping the gals will say yes. We know that Mim's, and the other gals, job wasn't an easy one, so gals help all you can . . .

FLORIDORAS at SPARCYLS' XMAS PARTY:

At the home of Fran W4BIL the SPARCYLS held their annual Xmas party and quite a few gals were there, enjoying every minute of it. Fran's home was decorated in the Xmas theme and all had goodies made by club members. She was assisted by Dot K4LFA and K4PNH — Sonya.

The gals all received a name plate as they signed Fran's guest book. They played games about which the gals told over the air — sure sounded like fun. They each exchanged gifts and enjoyed old and new acquaintences. The Floridoras were: W4's BIL: WPD: HRC: TDK: BWR: BAV: LOX: IUR: K4's PNH: LFA: IRZ. Marie and Margaret sisters of yl's and a new novice (awaiting on her call) Madalyn.

HARS NEWS

By Roy Scott — W4UHF

At the Hillsborough Amateur Radio Society's regular monthly meeting Col. Ray Mills, Director of Civil Defense, outlined the objectives in regard to participation by the amateurs of Hillsborough and surrounding counties. HARS is to form the core of CD activities in the County with its own training and procedures program.

We also had the pleasure of hearing from Andy Clark W4IYT, SEC Eastern Florida who was accompanied by his charming wife during his visit to HARS. Andy's short but very interesting talks are always a highlight at any meeting.

HARS members participated in Civil Defense Day, December 7th with a display of equipment used in emergency communications on Franklin Street in downtown Tampa, and also in an operational exercise in emergency communications at Northgate Shopping Center with HARS members manning the CD truck and operating equipment in an all-day demonstration. Members who took active part were:

K4OUD, W4BNE, K4FTV, K4YOQ, K4FHZ, W4UHF, and KN4MNB.

HARS is known in the area as the "Society with a Purpose — Dedication to Public Service" and all the groups activities are geared with this objective in mind. More on some of the projects in an early issue of "FLORIDA SKIP".

TRAFFIC HOUNDS
E. Fla. Sec.
November

K4SJH, 875	K4MTP, 47
K4EHY, 213	W4LSA, 46
K4LCF, 210	K4AKQ, 46
K4BY, 176	K4YOQ, 44
W4TRS, 173	W8LDU, 42
W4GJI, 168	K4BHL, 42
K4LCD, 161	K4DBT, 38
K4KDN, 132	K4BOO, 31
K4ILB, 112	W4EAT, 29
K4COO, 104	W4SMK, 29
W4IYT, 92	W4LMT, 27
W4FE, 85	W4BKC, 19
K4LVE, 70	W4SGY, 15
W4NGR, 68	W4DQS, 9
W4LDF, 60	K4JJZ, 8
K4BLM, 57	W4DSH, 8
K4ENW, 53	K4OSQ, 7
W4CNZ, 50	K4DAD, 6

Section Nets traffic report. FMTN-568, FPTN-258, and GN-211. Non Section net. Fast Net-16. K4SJH and W4GJI made BPL.

Late Reports for October

W4EHW, 13
W4RUO, 6

73, John W4KGJ

836 AS A HIGH-LEVEL SPEECH CLIPPER

An ideal high-level clipper tube for medium or high power is the 836. This high-vacuum rectifier is not subject to the difficulties encountered with mercury-vapor type, and is available at even lower cost in the surplus market.

One 836 will handle 250 ma. input to the Class C amplifier stage; two in parallel can be used for currents up to 500 ma. No special precautions need be taken when using 836's in parallel. The voltage drop through an 836 is approximately 20 volts per 100 ma., or about 10 volts per 100 ma for a pair.

(From Nov. — "Static")

SKIP FEEBACK

January, 1958

Front page picture contest VHF gang at Tavares picnic . SKIP thanks to Dade Red Cr for use of address-o-graph a to W4AZK and XYL who addre ed SKIP by hand . . . Brow announces coming autcion . Worlds oldest net, Knights of t Kilocycles on air 28 years . W4WS,W4PT and W4JQ amo original members still active net . . . New officers of Knig are W4PNA, W4NGR.

VE3AZZ, VE3BOV, and VE DVV tell Miami Springs club th Canadians pay $2.50 year f license and are limited to 5 watts . . . Mae Burke, W3CU has 8½ years of continous B . . . Picture and life sketch K4AKQ . . . Ace is CD 2 met NCS and FMTN NCS . . . K4 DS is Gator manager with TA KDN, CAA, and IYT as NCS . speed held down between 9 a 13 w.p.m. . . . W4RKH, we Florida SCM sends new Pensaco club officers . . . RDC — Pre GRO — Vice-Pres., KBQ-Se KOS-Treas., . . . Eglin club h MTZ-Pres., KL7BSZ/4-Vice-Pre RKH-Sec., KOS-Treas., . . . RKH-Sec.-Treas., UXW-Activ ties Mgr., and GEV-Editor . . BPJ re-elected president of F Walton aggregation . . . CUC a QFP attendSSB meeting in Gul port, Miss . . . W1BUD spoke Panama iCty group in Dec. . . FQR has 46 states on 6 mete . . . JFL active on 10 from Cres view . . . new directory listin 70 hams in Pensacola area . . W4ZD, Bubber, re-elected ARR Southeastern director with To W4HYW, winning over W4PI . . . Sunlight batteries invente . . . SWABUSEL column growin . . . FIRST PAID ADVERTISIN appears in SKIP . . . hope it first of many . . . Floridoras hav K4LCD as NCSfor month . . W4UF is apartment hunting . . Two new general class YL's a K4OEP, K4OJD . . . W4TDK b ginning new code class for No ices . . .

W4KOH reports Key We news . . . W4NQW resigned a EC and W4ZUT to step in . . W4KOH and XYL of W4GA serve club a turkey dinner a new shack of W4GAH . . . W4 OPZ trying hand at selling ca . . . ARRL has trophy for fir WAC on 50 mc. . . . Anothe letter to the Editor from EZR KOWPOKE . . . W4BMY goe downrange . . . K4OVM only ha in Flagler county . . . Actin Editor receives thanks for SKI from W4IE, WØLNC, W4AE W4AEA and K4HXB.

W4TAS

PLACEMENT FOR THE 6146

Many of the hams around nkers, N.Y. are using the 6293 e to replace directly the 6146. e cost is about $2.00 more but s said to be well worth it as tube can be used to its full- capacity and is considered a ged 6146. The tube is espec- y good for use in mobile rigs ere they are likely to get nced around a lot.

here are also direct replace- nts for many other tubes with re rugged types. Always re- mber that these more rugged es cost a little bit more than tube you are replacing, but metimes it is worth the extra ense.

(Yonkers Radio Club)

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W4ZPO — DICK

CONCH CYCLES

"Dem Snowbirds am a flying". Sure enough with the first cold snap up North, lots of old friends begin to show up around the Florida Keys to thaw out. So far W4RML-Cliff from Chuluota, Florida and W1AYZ-Nick from Newport, Rhode Island have had eye ball QSO's with various members of the Monroe County gang.

The W4LLO (Key West Amateur Radio Club) annual dinner was a huge success. Held on Sunday, December 4 at the La Concha Hotel it was attended by over thirty members and their wives. A big roast beef dinner was enjoyed by all, and President Lou Swafford (W4MLR conducted his last official duties in holding the annual election. The meeting was turned over to the new officers: President — Burt Witham (W41 CNZ), Vice-President — Dick Munger (K4MDI), Secretary-Treasurer — Bob Wohosky (W4-YFW). Also elected to the Board of Directors were: Sev Perez (K4 SI), Earl Jacobsen (W4-AVM), and Jim Harrison (W4-TFT); and Prof Newlan (W4-E D) was appointed Custodian and Trustee of station W4LLO. Next year we hope will be even bigger and better for W4LLO.

TIP — Listen for news of W4-LLO and the Monroe County Fair.

Annual elections were also held at the Fleet Sonar School ARC on 5 December. New officers for W4NDJ are President — Frank Faynor (W4OUX), Vice-President — Bll Rost (W4ISI) and Secretary Treasurer — Ed Brooks (KN4WZK).

A cavalcade of Key Westers plan to make the journey to Miamion 14 and 15 January for the Hamboree. Hope to see you all there.

73's Burt/W4CNZ

ATTENTION HAMS

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BANDS SEEM CROWDED?

Check yousself maybe you are trying to "model T" operate on a "turnpike" band. Can you comfortably read a fella with another station 5 kc or less away? Selectivity is very necessary. Obtain it with a Q multiplier, SB slicer, or better receiver; whichever fits your purse.

Can you operate safely at the ends of the bands? Crystal Calibrators can be had reasonably. Being sure will broaden the bands as you can use portions formerly avoided.

Listen well before transmitting and zero beat the frequency or station you intend to work. By tuning a likely clear spot with your BFO on, you can ascertain the midpoint between the station above and below, and often squeeze into an unnoticed slot. By carefully zeroing the station you wish to contact and maintaining that zero beat through the QSO you take up as little room on the band as possible.

Secondly, both stations being exactly on the same frequency keeps the slot hot to guard against a brother ham cranking up in your lane. Of prime importance is the width of your transmitted signal.

Present-day good engineering practice calls for maximum side band width of from 2500 to 3500 cycles of AM phone. Most commercially designed rigs are capable of this performance IF the operator keeps the audio gain down to prevent overmodulation and splatter. Whenever in doubt, have your band - width checked by scope or by a friend with a good receiver.

-73, W4SDR, Pam E. Fla.

FRACTIONAL-VOLT DC POWER SUPPLY

Most amateurs worry about getting a high voltage dc power supply but there are times when a source of less than one volt is required. Sounds as if the solution would be simple: Just take a dry cell and slap a voltage divider across it. That's not always the answer; sometimes the power source must have a very low internal resistance — and a voltage divider introduaes a finite amount of resistance. Airborne Instruments Laboratory has come up with a novel and practical solution: A thermocouple. They use it to power a tunnel diode. It meets all the requirements: Low internal resistance, low ripple content, easily adjusted voltage.

From W5RRN)

DADE COUNTY 6 METER NEWS

By Walt Stock — W4IIS

K4RKV-Carl, only station we know of in this area that works (2) Rigs, Fixed and Fixed Portable year round. Nice to be rich.

Several nice band openings recently which stirred the boys up a little. Still not up to last years quota. Sunday, Nov. 27, 1960 opening into 2, 3, 4, 5, 8, 9 land. What QRM.

W4GJO is being heard now and then in this area coming thru on sideband.

K4ODJ-Clewiston puts in an S9 plus signal on Sunday mornings around 0730 to 0930 hrs. in this area. Early birds point those beams, Charley is looking for more Miami contacts.

K4RNG-Doing a terrific job with a new ground plane.

K4CRU-Phil in Hollywood is putting code lessons on the air several nites per week. Look for him gang, here's your chance.

W4NRF-Sporting a new G-50.

Recent visitor to Miami area was K2KTN working mobile. XYL of W4IIS worked Frank and party on an eyeball QSO and came home with a miniature QSL card confirmation.

W4GF-Working mobile with a home brew rig and doing a fine job. Getting out on a vertical. Receiving?

Six meter thought for the day. Wonder how all the mobile Conelrad's are performing. F.C.C. Regulations you know.

There once was a Technician
named Peter
Who was a 100 percent cheater
He thought he'd have fun
On 28.1
But the F.C.C. had a frequency
meter.

We want to wish everyone a Very Prosperous and Electrifying New Year and may your biggest problem be that of SL-ing all your DX contacts.

FLASH ! . ! K4HSW was K8-KLY/4's first contact in Miami this year, Welcome back Don.

K4FIO-Recently worked portable in Lakeland, Fla., and made nice QSO's.

K4EBO in Bartow, Fla., east of Tampa, looking for Miami contacts. Look for "Lucky" fellows.

OK ON PY

Paraguay joins, effective November 5, the list of countries with whose amateurs we may exchange third-party traffic. The full list is now Canada, Chile, Costa Rica, Cuba, Ecuador, Haiti, Honduras, Liberia, Mexico, Nicaragua, Panama, Paraguay, Peru and Venezuela.

DX IN FLORIDA

Florida DXers have had a really interesting month, with new records being racked up regularly. K4LRA collected five new ones: ZL3VH on Chatham, FR7ZD, ZK2AD, ZS7M, and KR6LJ. Jerry has trouble getting up at the right time for some of his missing countries. W4BWP, W4LQN, K4LRA, and W4LVV were all lucky and caught DL9KR on his quickie expedition to Sengel as FF8CW. K4PDV got on the air just in time to hear that he had left. For those who missed, he will be back around the first of the year and may also go to FF4 and FF7.

This year's CQ-WW DX contest brought a new twist. Unusual propagation conditions made Europeans almost unworkable, while Africans and the Middle East pounded through at all hours of the day on twenty. Ten and fifteen were open at times, but most of the activity showed on twenty. XZ2TH was readable in Miami 12 to 18 hours a day, as was VU2NR. Neither K4PDV at Melbourne nor W4LVV at Miami worked a single G which is almost a record in itself! At W4-LVV, 35 zones were worked and three more heard.

W4CKB at Lake Placid bemoans a contest without a single new one for him. W4IEH has been busy following W4BPD and W3-ZA so he has FL8 and MP4 Qatar in the Worked column for a total of 231. Dave, W4AZK at Naples has been researching his files and comes up with 281 worked but only 264 confirmed. K4OBM was among those on deck for FF8-CW and added CR5AE during the contest. Quite a few of the gang made a hurried search of qsl files with the announcement of Kaliningradsk, UA2, as a new DXCC country. 1958 cards from UA2KAA and UA2KAW take on a new value!

K2QXG sends along a note with statistics on the QSL habits of theW4/K4 DXers: He is QSL manager for ZS1RM/ZS1-OU. Marge, ZS1RM, on her dxpedition to ZS8, had 1531 contacts. 858 were W/K. 97 were W4/K4. Of the 97, only 38 sent along a QSL request to K2QXG as of November 22! So if any of you fellows are still procrastinating, get a self addressed stamped envelope off to Mac and collect your ZS8 QSL muy pronto! As Mac points out, those who go on dxpeditions measure the appreciation by the number of QSLs received.

There should be a fine DX meeting at the Hamboree. In addition to W4BPD, W4TO will be present, and we have just received word via W4BWP that the W/K4 QSL manager, W4-HYW, also plans to attend. By the way, do YOU have your envelope on file with the QSL manager?

73 Chuck W4LVV

CONFUSED?

ARRL is urging that all amateur radio stations operate on Greenwich Mean time,(designated GMT or Z. It is universally used by almost all world wide facilities and services except amateurs. Confusion over time differential from zone to zone, from the variations of daylight time, and from the international date line can be overcome by using Z time on your log, your skeds and message traffic.

We believe, along with ARRL, that this will be a progressive step, just as the change from 12 hour to 24 hour time has been.

Occasionally we find a die-hard still using AM and PM in his log but they are scarce. You are urged to give this proposal some serious thought and to consider changing over t Z time by January 1, 1961.

73—W4SDR — PAM, E. Fla.

W4DUG NEWS

The Tampa Amateur Radio Club, W4DUG, will again be operating from the Florida State Fair Grounds, during the Fair starting February 7, 1961.

It is planned at this time to start a new code and theory class about March 1, 1961. Class limited to 12 members. The class to continue until all members have passed their General License Examination.

73 Herb Smith, K4LML,
President

FROM THE PRESS
(MIAMI NEWS)

"I've a message from your son Richard, congratulating your son Bill on his marriage," said the ham operator to Mrs. Muriel Schneider, 17811 N.W. 19th Ave., Opa-locka.

Y'see, Bill got married in Miami. Brother Richard is with the 66th CAM sqn. of the Air Force at Leon, France, and couldn't come to the wedding.

"My problem now," said Mrs. Schneider sadly, "is that of thanking the operator who brought the message through. I was so excited I forgot to ask his name."

"A busy day at Walder Electronics Distributors". Left to right; Dick Owens, Roy Humston, W4NVF, Elmer Bradley, K4AZQ, Tex Quinn, Mgr., and Bob Kaye of American Antenna Company. Walder's recently underwent an extensive expansion program, taking over the complete building to make room for the additional electronic equipment and component parts for the radio amateur.

Everyone knows Roy Hunston,, W4NVF, of Walder Radio, but not everyone has seen his new HAM RADIO DEPARTMENT. Roy has been in charge of the Ham Radio Section for several years and invites you to visit the new ham room at Walder Electronic Distributors, 1801 N.E. 2nd Ave. Look for Roy on 144.26 when he is not on 10, 15, or 20.

FUNNY PHONETICS
(OR PHONEY PHONETICS)

W4TJS Two Jiggers of Schenley
W4YEK Young Eager and Kissable
K4SOL Sweet Old Lady
Kn4YS Young Amateur Sweetheart
K4RCX Radio's Cutest XYL
K4GCF Georgia's Cutest Female
K4OLU Old Ladies' Underwear

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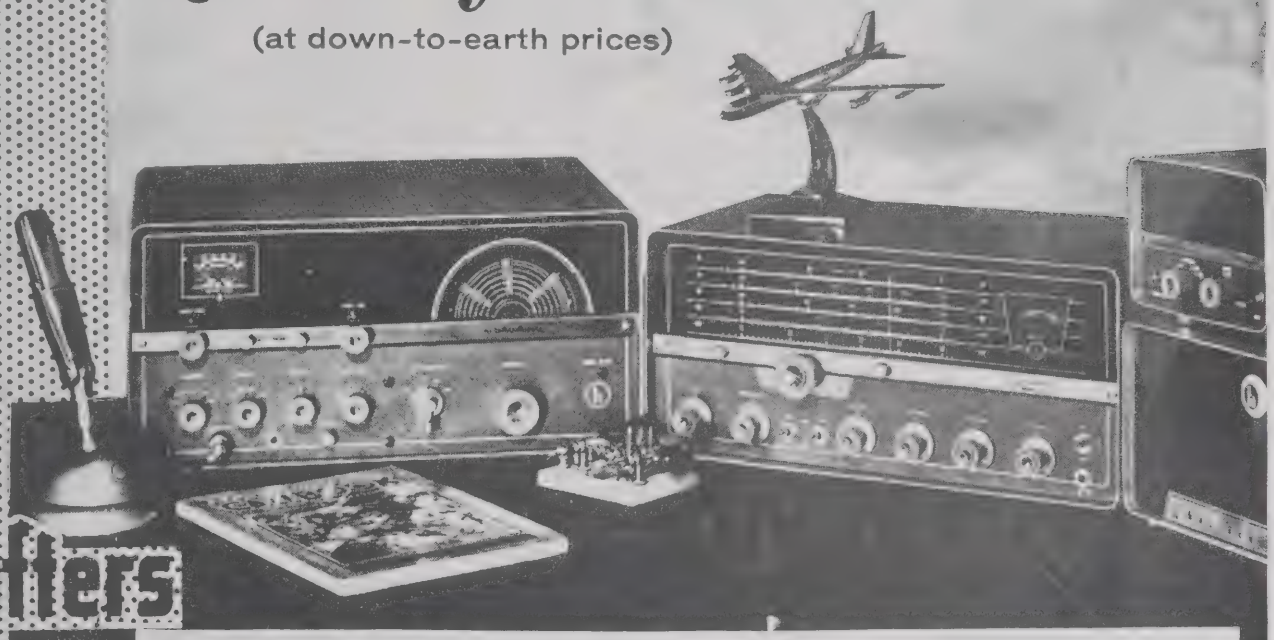

WBBS hallicrafters

Today . . . you can be on the air with single sideband! This is the combination whose price makes it possible—whose performance makes it a great new experience.

HT-37 Transmitter $450.00 A precision-engineered CW/AM/SSB transmitter with the same power, rugged construction, and long-term frequency and carrier suppression stability as the famous HT-32. Sideband suppression 40 db. at 1000 CPS. Power rating: 70-100 watts P.E.P. output CW or SSB. 17-25 watts carrier on AM phone. 3rd and 5th order distortion products down 30 db. Instant CW CAL signal from any transmission mode. Ideal CW keying; full voice control system. 52-ohm pi network output for harmonic suppression.

SX-111 Receiver $249.50 Here's a CW/AM/SSB receiver with the essential performance characteristics of the renowned SX-101. CW/AM/SSB reception; complete coverage: 80, 40, 20, 15 and 10 meters in 5 separate bands, 6th band tunable to 10 Mc. for WWV. Upper/lower sideband selection; sensitivity: 1 microvolt on all bands; 5 steps of selectivity: 500 to 5000 cycles. Dual conversion, crystal controlled 2nd converter, famous Tee-Notch filter, built-in crystal calibrator. Separate AM and SSB detectors.

Catalogs on all our products are yours for the asking... and, when you're in town—drop in for a visit—you're always most welcome!

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See: W4NVF, Roy Humston; Dick Owens; or MGR. Tex Quinn

You are cordially invited to visit our Equipment Display Booths and get your free gift at the TROPICAL HAMBOREE in January.

F.M.T.N.

Tip Curran, W4GJI

A Very Happy New Year to you and we hope that your Christmas socks were filled with electronic tidbits or PL 172s maybe.

Since it is the beginning of 1961 perhaps this is as good a times as any to take cognizance of a few facts that haven't been brought up for a long time. For the past six months it has been obvious that o refresher with regard to the net and its purpose might be interesting. For a long time it has been a matter of pride to be an active member of FMTN and the fact that the business was conducted without ado and with competence. It is not a social net — or at least it didn't use to be. Since the traffic handlers that work the net are generally in one of two categories, those giving up a lunch hour or those getting up or waiting up from sleep they need after a night shift, it would seem logical that it be to their interest to celar their hook, in and out, and be free to go about their business.

A properly updated roll can be called and traffic noted in 6 minutes. By 1210 the strays should be picked up and the short of time already on the circuit with traffic rolling. Each time he does it we make a mental note to do the same and still forget, but SDR takes a minute for every FB info when he states the various destinations of all traffic listed which gives each station QNL a 'get set' for QRV.

The drivel is the time killer and disrupter. The standard QRM is a factor adequate in itself without known stations bleating away from 3 to 4 kcs off frequency trying to put across some lengthy discourse about how they can't hear anybody or some such and spacing these through the traffic on the air so that fills are requiredon fills for fills. The other day two good operators spent three minutes on a 7 group message which, if they could have had the net channel, could have been completed in 30 seconds.

Then there is the ridiculous waste of time on calls. Read the law to suit yourself, but for the sake of the guys standing by let's not have ten sets of calls repeated all through a simple attempt to get a fill. If it comes right down to it you are a reporting member of the net and so recorded and as long as that net is properly identified by the Net Control at stated intervals all you need to know is to whom you are talking and for what purpose; and make it to some good purpose.. Clear traffic.

Somehow it seemsth at somewhere the message form got lost or some have never seen it. To a traffic handler speed comes with habit born of established continuity and if you want to discombobulate him just come up with 'les see now — this is going to mikerogersugar blah at — leseenow — oh yes the unmber is 5 er no 7 that's it 7 date yeh today the 13th or is it the 14th it's from this situation and ohyeah werbassalooka — that's here — well anyway the text is — — — —'.

NO. Originator Callsign CHECK PLACE OF ORIGIN DATE TIME GROUP (DTG) (universally the DTG is used in that order regardless of fancy blanks).
ADDRESSEE ADDRESS FONE BREAK TEXT BREAK SIGNATURE

Then there's the guy who sneaks in the whiskers. On the Dec 05 we got one dated 041-635Z filed MARS Bermuda passed by a MARS station on one of our AFB for PB. When we delivered the wife of the serviceman who had filed it just howled with glee. He had filed it on November 04 and she had been fonepatched to him in Arabia for weeks. VERRRRY FUNNY! MARS? ? ? ?

May my tubes run cool! ! ! . Averages QN130.OQTC21.8 Nov.

TREASURE CHEST

Something new and novel is being introduced this month by one of SKIP's advertisers, Electronic Wholesalers, Incorporated. Lucky Keys will be given out at the TROPICAL HAMBOREE, held in the Bayfront Park Auditorium this year, January 14th and 15th.

This is not a "grab-bag" raffle; every visitor to the TROPICAL HAMBOREE has an equal chance of obtaining one of the many lucky keys which will be given free at the Electronic Wholesalers Equipment Exhibition Booths.

Holders of these keys may try their luck at opening the TREASURE Chest lock while visiting their store at 61 North East Ninth Street, just a few blocks from the Auditorium. Many surprises are in store for you, such as a Hallicrafter HT-40 Transmitter, Ameco 6 meter Converter, Cushcraft Blitz Bugs, Colrad Microphones, Cesco Regency Jhone Patches, Call Books, and many, many other prizes.

W 4 B P D

Gus Browning of Orangeburg, S.C. is known the world over as a "Top-Notch" DXer. 297 Countries is hard to come by, only four more, to lead the world. The Fourth Call Area is proud to claim Gus as their very own. We, of Florida Skip, are proud to claim Gus, as a Florida Boy made good.

It must have been in 1925, in Orlando, Florida, where Gus was known as 4ADB. He was a top DXer even then. Yes, we remember, but just in case you don't, we quote from his QSL card — DX: All W, CI, CF, CL, D, AE, F, G, HG, HI, I, J, K (dx in those days), LO, ON, PA, PP, TG, VE, VH, VP, VQ, XA, YS, YV, ZK".

The receivers in those days were all home-brew, one, two, or three tubes generally. Regeneration was king, few could afford Super-Hets. I had seen a Manufactured Ham Receiver once, a Grebe CR something or other. Gus was about in the same class. We both were the biggest horse-traders in town, trading junk for junk, they called us "Pack Rats". Gus had a mission, DX.

His shack was a sight to behold. An ex-chicken coupe, with lots of free air-conditioning, and running water. Lots of light in the day-time, not much at night for the nearest lights were about two miles from there. This will give you some idea of Gus's devotion to Ham Radio.

Quoting again from Gus's old QSL card, "XMTR: L. C. Hartley (ckt greatly modified) 6 wts input to two UX-201's". This was no exaggeration, he was lucky to get even 6 watts, for the plate supply was entirely from dry cells. Row after row of them, on his bench, under the bench, on shelves and every conceivable spare space in the shack. Where all these dry-cells came from I was never able to find out. How he kept them charged was still a greater mystery. He had some secret process of injecting vinegar or sal ammoniac into them to bring them back to life. Sometimes this process took place during the middle of a QSO. Other times he would merely switch over to another batch which had been resting, all hooked up and apparently eager to go.

This year, at the TROPICAL HAMBOREE, Gus will be a guest speaker. He may talk about his recent around the world trip, which I understand was quite a DXpedition. KV4AA says Gus has been signing FL9 and 601AA. As late as October 29th, Gus was with the VQ9A DXpedition headed for Aldabra Islands. We understand they were forced to return to Seychelles due to heavy seas running 20 foot waves.

Unless I miss my guess though Gus won't mention the hardships. He's a great guy, full of fun and laughter. I am proud to have served a hitch in the Naval Reserve with him and hope you get a chance to hear him speak at the Miami Hamfest this month.

FLORIDORA YL 6 METER NET

By Fran Adams K4PPX

The Floridoras are planning to get together Dec. 19 at the new home of W4HGT-Pat. It will be a hat and Xmas party. There will be other gals as well as Floridoras, but this will be our first get-to-gether in a long time. We are looking forward to this party.

There is a new net on Tuesday morning 50.330 at 10:00 A.M. We all have turns in taking net control. We still meet Thursday 8:00 PM.

W4LPR-Adele finally checked into the net after a long absence. Adele promises to be active again. W4PXY-Patty is still looking for a Seneca. Hope Santa brings her one.

K4PPX-Fran is still waiting for her SHOM. K4PVT-LaVelle is now mobile.

K4RCX-Jeri had a ball with 6 meters last band opening. K4-RHL-Ellie didn't make it to see her son's wedding due to the flu but her son is planning to come and stay with her a few days. The wedding was held in California.

K4ANR-Ruth says she is trying to get the Central 6 meter net going again. iWth a few gals near her with plans of Tech ticket it should work out very fine. Ruth is back on and is having a grand time with home station and mobile rig.

FLORIDORA YL ACTIVITIES

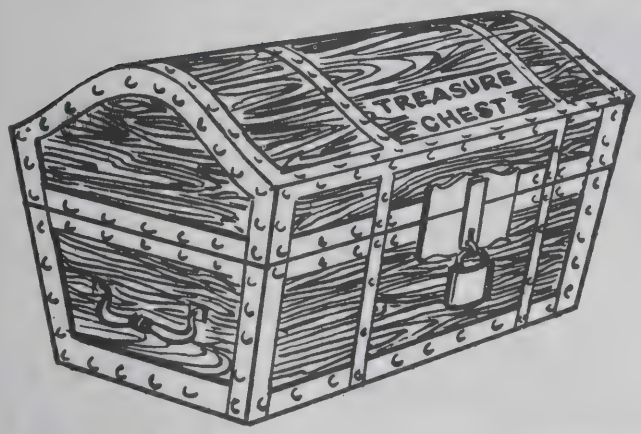
By Fran Adams K4PPX

Well, gals don't forget to join on as many nets as you can for our Floridora YL Week Jan. 8 to 15, 1961 . . . Let's all keep Friday the 13th in our minds and make that day our big day of the week. If you can't make it that day, any day of the week will do. Those OM's are waiting for your Floridora contact so let's see how many certificates we can pass out. OM's: all you have to do is contact 10 Floridoras and send 15 cents and QSL's to Shirley W4WPD in Tampa . . .

The SSB Net has started up with Dot W4UF as net control. This net meets Tuesday morning.

The Sunday Business Girls Net is still going on QRM and all

TREASURE CHEST



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- Crystal readily accessible on front panel
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LATE FLASH FROM FCC

'he Hamboree Commitee have ormed SKIP that the Miami anch of FCC will conduct Gen- l Class FCC exams on both 's of the Tropical Hamboree, uary 14 and 15th. Hehe is hance to "kill two birds with stone" — atend the Hambo- and take the General Exam the same trip to Miami.

Ve understand the proper ap- ation forms will be on hand a Notary Public will also there to assist you. The ex- s will be given in a private a adjoining the Hamboree. y not "bone up" and take the m during the Tropical Ham- ee. See you there.

ISON AWARD

MINATION

Nominations are open for the 0 Edison Radio Amateur ard. The Edison Award is one the highest awards that an ateur can receive. If you know a licensed amateur who has formed a meritorious public vice in behalf of an individual group take the time to place or her name in nomination. rules of the award are con- ed in recent editions of QST CQ magazines or write to son Award Council, General ctric Company, Electronic nponents Divison, Owensboro, tucky.

FROM HERE TO DX

ndianapolis (UP). Lee Robin- 28, Indianapolis, awoke sud- ly, smelled smoke and jumped ough a second-story window hout opening it.

Ie was taken to a hospital but y cuts and bruises were found. he smoke? Someone had left a of beans on the stove too g . . . .

* * *

APE TOWN (AP) It soon be easier to go to Hell. A ing is being made — with d intentions — to Hell, and al- st inaccessible mountain vill- near Prince Albert, Cape vince . . . People now get to l mainly on donkeys . . .

* * *

UBECK, Gerrmany (UPI). A year-old newsman, Jost Leh- nn, was killed when he put a tle atop his head at a party asked another man to shoot off.

* * *

ttention Mobilers: "Two of biggest highway menaces are vers under 25 going over 65 drivers over 65 going under " L. S. McCandles.

SILENT CARRIER

We are sorry to report another Silent Carrier in Florida. Joe Blonner W4NYO of Leesburg passed away Friday, November 5th, 1960. He will be sadly missed by all his fellow amateurs around the Leesburg area.

NOVICE RAG CHEWERS

Any Florida novice interested in joining a rag chewers net on 7184kc every Saturday at 1300 please contact: Tandy Way KN4-YSN, 4851 SW 82nd St., Miami 43, Fla. Phone MO1-3396.

EVERLASTING WORDS

"Labor was prior to capital, but property is the fruit of labor. Property is desirable, and is a positive good to the world. That some should be rich shows that thers may become rich, and hence is just encuragement to industry and enterprise. Let not him who is houseless pull down the house of another, but let him work diligently and build one for himself, thus by example insuring that his own shall be safe from violence when built."

— Abraham Lincoln

NEW MICROPHONE

DALLAS — A new pressure operated dynamic microphone with a frequency response from 50 to 15,000 cps has been introduced by Collins Radio Co. With a selection of either 50 ohm or 200 ohm impedance, the microphone may be used with any amplifier having a 35 or 150-250 ohm input.

Called Model M-30, the microphone sells for $48.50 including a 12-foot cable.

SKIP DELAYED ? ? ?

We ahve been receiving quite a few inquiries from Skip readers as to why their Skip arrives later than the guy's down the street.

Please be advised that all Florida Skip's, all 120 pounds of 'em, are mailed from Naples, Florida at one time. This is a postal requirement for our Second Class permit. If your Skip is late may we suggest you check with your Poastmaster before you advise the Editor. We have no control over the Delivery of Second Class matter. Some postmasters handle second class mail slower than others. Maybe if you give 'em a nudge yours will arrive earlier. Thank you. Editor.

DX AWARD

WORKED ALL GERMANY. Any band or modes. Foreign amateurs must work (four of each) DL1, DL3, DL6, DJ1, DJ2, DJ3, DJ4, DJ5, DM2, DM3, and DL7 and DL8 twice each, using no more than three bands. Submit QSL cards with your alphabetical listing. Send 6 IRCs (or 2 more for registered mail return of your QSLs to DAV Awards Mgr., Rudolf Beran, 71 Taunustreet, Wiebaden Germany.

MARS BC — 34

The value of the individual member to the MARS program depends largely upon the position he holds in his community. The higher the esteem of his neighbors the more trust and confidence he will receive from them in times of emergency. The most valuable MARS members participate in other community activities, their children are neat and well mannered and their homes, grounds and antenna systems orderly and well maintained. MARS members are encouraged to balance their activities between church, home, community and MARS and to accept and fulfill responsibilities. Excessive participation in one small area such as MARS, to the exclusion of all others, is a sign of immaturity and limits the members value to the community and to the MARS program.

ANOTHER REMINDER

Exchanges with US amateurs are permitted on behalf of 3rd parties, ONLY under special agreements by the following named countries with the U.S. Dep't. of State: Canada, Chile, Costa Rica, Cuba, Ecuador, Haiti, Honduras, Liberia, Mexaco, Nicaraguz, Panama, Peru and Venezuela. For more about these provisions, see the Lic. Manual chapter on International Regs. (and Art. 42 text). (Clip out and keep this list handy. Editor)

"DAFFINITIONS"

Hysteresis — one of those new viruses.

Grid Bias — college football game reported by old grad.

Megacycle — small Italian Motor scooter.

Memory Tube—a wedding ring.

Isolation Network — the office grapevine.

Ionization — Smoothing process applied to wet wash.

Parameter — a rubber ruler.

Pentode — sap-sucking pest frequenting African violets.

(From W5RRN)

LISTEN FOR SS HOPE

Here's another chance to show our public services possibilities internationally in amateur work. Keep an eye on 14,345, 21,445 or 28,650 kcs., which W8OLJ announces as his frequencies to be used by the well-equipped Project Hope, hospital ship! Be ready to handle any message traffic to-or-from W8OLJ/MM for the doctors, dentists, nurses, staff or relatives. The HOPE sailed in late Sept., a wholly-volunteered medical people-to-people assistance project. A.k.w.s.s.b. rig is operated by Ralph Charbeneau, W8OLJ. There may be other lic.-amateur volunteers, if the several month southeast Asia itinerary is extended to 2 or 3 years, as possible. QSL address: Project Hope, Box 9808, Wash., D. C.

(ARRL CD Bulletin)

HINK AND KINK

Here's a small kink, of containers made from discarded fuse boxes. Remove the covers from four fuse boxes (little fuse type) cut one sixteenth of inch off one end of each box. Fasten two of the open ends tgether twice, then solder the two pairs together at the bottoms wih a strip of thin steel sandwiched in between for strength. Install the four covers and you have a small container with two compartments, one for small drill bits the other allen wrenches.

73 Fred, K4UGC, Miami

OK ON HAM BANDS

For those of you who worry about the legalities of use of "American Morse" on the air, the following is a letter to Ed Burkhardt, W4LDF, then W7SUI/4, dated Nov. 19, 1958 from the FCC Office in Miami: Dear Sir: This office is in receipt of instructions from our Washington, D. C. Office, that the use of American Morse code in the amateur bands is permissible, providing that amateur stations using such, be identified in International Morse Code. Very truly yours, (Signed) A. C. Gilbert, Engineer in Charge.

EX CALLS

This is to request all amateurs with ex-calls to send them along for this column. We hope someday to comply a complete list of all previous ex-cals and publish it. Send yours along to: Editor Box 501, Miami Springs 66, Fla.

W4CNZ ex K6URO
K4ZJI ex 8BWW
KH6UHL ex W4UHL
W4LDM ex W5FTH, (36-46); W6PWZ (52-53); DL4TJ (47-49); KP4ZW (54-57).

PROPAGATION SPECIAL

The DX people are taking a long, lingering look at the 1958-59 suspont count, because we are over the peak and on the down slope. If everything goes as predicted (and we are sorry to say it has in the past) we will not see another sunspot peak of the 1958-59 magnitude until 1969-70.

This is the 11.1 years of the sunspot cycle, measured peak to peak. Fortunately, this is not a sharp cut-off operation, so it will not be necessary to pull the 304 TL's out of your rig and put them in the safety deposit box at the bank until 1969. Ten, fifteen and twenty are still open, but it isn't too early to start saving those box tops for that 40 meter beam. The reason we are looking into this period is this: The DX'ers has dedicated himself to use the "sky wave" of 10, 15 and 20 and some would rather be caught with a SWR of 10 to 1 than be caught using the "ground wave."

The "sky wave" is commonly thought of as a reflected wave of one or more 'hops." This means that the RF energy from your beam takes off at an angle "somewhat greater than you hoped for) until it strikes an ionized layer, whose ion density is great enough to cause the beam of RF energy, to be reflected back to the earth. Now if you are lucky, just as you pressed the key or the mike button, an AC4 in Tibet tuned across your frequency. The layers and the density are optimum so he hears you S-9 plus 20. Everything was just right, so you have a pipe line. Now if the layer had been higher or lower or the ion density had been more or less, he might not have heard you. What a heart-rending thought! It might appear that the odds are so great, because of the many variables, that it is next to impossible to work DX. Wonder where those guys get all those rare cards anyway Luckily, this is not the case, sonce the refelected wave may cover an area of a thousand miles or so, when it comes back to the earth. So the AC4 could not hear you but an AP5 might and besides the layers and the ions might be right for you to work the AC4 tomorrow morning.

There are a number of ionospheric layers which enter into this thing, such as D, E, F1 and F2. The height and ion density of these layers vary from day to night, month to month and season to season. These variations are on a good degree of accuracy. The events which cannot be predicted are the sudden disturbances and explosions on the sun, the ionospheric storms and the abnormal action f the sporadic E layer. During a high sunspot count these layers are ionized to a high degree which means the ion density is greater and signals will be reflected back to the earth, so at the proper time and frequency it will be possible to work almost any area. (We are thinking primarily of 10, 15 and 20 and near optimum conditions.)

This ionization is caused by a process involved in producing sunspots and tremendous amounts of ultra-violet energy are released. The ion density of the various layers is proportional to the amonut of ultra-violet energy released from the sun. So with a high sunspot count, everything is rosy for DX.

As the sunspot count decreases, the ionization decreases and the reflecting medium is now so loosely knit that there is very little reflection and most of the RF energy is absorbed.

During intense eruptions or magnetic storms we can have an almost complete radio blackout due to the high ion density of the D layer (which is closest to the earth) and the disturbance of the earth's magnetic field.

To summarize this subject as briefly as possible, we would like to make one appeal — THe TIME HAS COME FOR SOMEONE TO PRODUCE F1 AND F2 LAYERS IN KIT FORM. The market would be tremendous.

(K5JEA — COLLECTOR and EMITTER)

PHONEY PHONETICS

Do you have a favorite set of Phonetics? Just for fun, send them along. Use Standard ARRL phonetics ONLY on the air.

W4MUI — Miami's Ugliest Indian.
W2IGK — I've Gotta Kilowatt.
K4KRB — Known For Kinda Revoltin' Broadcasting.
W4BI — Four Big Indians
W4IET — I Eat Tacks.
W4RML — Radio Master Lier.
K4HCD — Hot Canary Daddy.
K4UGC—Under Ground Caves.

K4IDC	I Don't Care
W4AFH	A Funny Ham
W4NQM	Nine Quarts of Moonshine
K4ABV	Are Boys Victorious
W4GRH	Georgia's Radio Ham
W4MM	Four Mighty Men
W4YV	Young and Vigorous
K5MUS/MM	Mixed Up Sailor
W4FE	Formerly Energetic
K4ANR	Art's Naughty Rebel
W4YAN	Young and Nasty
W4VDY	Very Dirty Youngster
W4SXJ	Stinky Xray John
K4IGP	I Get Plastered
W4IQJ	I Quit Jumping

FLA. PHONE TRAFFIC NET

HERB, K4LCF

The Florida Phone Traffic Net meets daily Monday through Saturday at 100Z on 3945 kcs.

Things Overheard This Month

Purdy W4PMZ and Miggs W4-PNA working up and down the band. Purdy has been ill the past few months but when we talked to him recently, he was feeling much better.

K4VNA Walt, Daytona Beach saying that he has a generator for sale. I personally inspected it and it is a Homelite, single phase, 60 cycle, rated at 21.8A 115V. Good Buy Too.

K4BYI Doc, Gainesville, asking ham K4SJH Pompano to look up an old friend of his in Pompa Beach. You can bet he did to

K4MPT working W4CPG Tom pa just before net time.

W4DDW, Kiss. Still searchin for a TV repairman .Sounds lik a good job for someone.

Foreign Stations Checking In

W4UEU, Lou, Tally.
K4OHR, Gene, Tally.
K4TTO, Hank Orlando.
K4AJX, Geo, Lithia (He ha joined the net and has alread earned a net certificate).
W4DKJ, Ft. Myers on SSB (fine sib too)
W4AHZ, Lovey, Ft. Lauder dale. (just kidding you Lovey)
K4PFM, John, Montogomery.
K4HAK, Bob, Birmingham.
K4ZIF, Gus, Ft. Myers (He ha joined the net tnx Gus.)
K4HJZ, Grady, Douglas, Ga.
W4SCY, Bart, St. Cloud.
W4BVC Herb, Lenore, NC.
K4FIM, Bill, New Smyrn Beach.

Did you know the following ar the only countries with whic party traffic can be handled?

Canada, Chile, Peru, Ecuador Liberia, Mexico, Cuba, Panama Costa Rica, Nicaragua, Venezu ela, Haiti, Honduras and Para guay.

Did You Know?

That in 1901, Marconi firs transmitted the letter "S" acros the Atlantic Ocean and threw the country into a comotion?

In November, 1925 two wa transatlantic communications wa accomplished on a wavelengt of 110 meters?

Archduke Anton of Austri was so ardent an Amateur tha while world history was bein made by the german invasion o Austria, he sat in his castl busily competing in an interna tional amateur competition, ap parently unaware of the worl shaking events going on outside until last minute of the contes had ended? How about that?

Learned By Mail

Hank, K4LQS, Naples has a new mosley TR-33 tribander. He had a 75 meter wire up but be fore he had a chance to use it the fellows putting a new roof o his home cut it down He now has a Rhombic and is going to install it as soon as he has the chance. He expects to be back with us in two or three weeks. Hurry Hank, we miss you.

Question

You do change your socks each morning, don't you? Then why not form anther habit. Try to use Zulu time instead of EST. It's simple, just add five hours on to EST and you have it. Example, our net meets at 0700 EST, so just add 5 hours and Zulu time is 1200Z see, even easier than changing socks.

MARS BC-45

Occassionally the Chiefs MARS hear comments that this or that training net is to operate strictly CW or AM or SSB. Limiting operation to one type of emission facilities training in that particular mode but may result in lack of training of net personnel in operational procedures peculiar to other modes.

In an emergency it is probable that all three modes (RATT is excluded because of its incompatability) will be used simultaneously in the same net by different net members.

All NCS are urged to encourage net stations to become proficiet in operating with other stations using mixed emissions. NCS are cautioned however to use only those emissions which are authorized to be used on any specific MARS frequency .

QFN

The all Florida CW net.

The Christmas rush of traffic has about subsided and the QFN is looking forward to the New Year. We would like to see some of you new fellows down on 3650 trying out trafic handling on CW. As I said last month we still need a station in Orlando, Tampa and Jacwsonville, just to mention a few, we would like to hear from. I still have not received the first year QFN report from our Net Manager — K4UBR.

Hoping to see you all at the Tropical Hamboree here in Miami January 14-15, if any Net Members win a crystal, it might be a good idea to get one for 3650.

If any stations have news they would like to put in this column please contact me on QFN or by radiogram. Until next month.

73 - Don - K4FMA

ERE'S A HOT TIP ON A INNING BET

If you want to make a bet u're sure to win, wager your ends that September 5, 1960, the 208th anniversary of ab- utely nothing.

You can go further and bet ey can't find anything that ppened in America 208 years o on September 4 or Septem- r 3 or September 10. Even the n didn't rise 208 years ago on se dates, as far as the United ates goes. Don't you believe

The fact is that on September 1752 — 208 years ago this ar — the colonies changed from Julian calendar to the mod- Gregorian calendar. To take the slack it was decreed that day following September 2, 52, should be designated Sep- nber 14.

So almost two weeks were pped out of the history of the ited States, and there was no ptember 3-13 in the year 1752. w go ahead and bet.

NEW SEC APPOINTED

We are happy to announce that Mr. Frank M. Butler, W4-RKH, SCM of Western Florida, ARRL has appointed George Thurston, W4MLE, 3407 Prock Drive, Tallahassee, Florida as his Section Emergency Coordinator.

Both Eastern (W4IYT) and Western (W4MLE) SEC's held a three hour meeting at the QTH of IYT November 15th with excellent results. Many good ideas have been exchanged. In the next SKIP we hope to publish a revised STATEWIDE UNIFORMED AREC EMERGENCY COMMUNICATION PLAN. A complete list of frequencies, times etc.

George and his lovely XYL, Mary Jane, have three children. W4MLE runs a KW on all bands, phone or c.w. George has his own News Service in our State Capital in Tallahassee. You may have ceen or heard him on TV or radio as 4 TV and 4 BC stations subscribe to his News Service.

Our heartiest congratulations to W4MLE — a hard worker for amateur radio!

LETTER TO THE EDITOR

Editor, Florida Skip:

Enclosed is my $2.00. I have enjoyed the paper very much.

I expect to be in Bradenton again in Jan. for 3 or 4 weeks, after this winter I hope to spend 3 or 4 months each winter in Florida.

In Skip this month I see where some one was using 147 mc. I wondered if they were using FM 147.3? We are also using 146.9 F.M. for Tech. and Novice hom, this way you can use both frequencies without returning. 52.525 F.M. is being used here in the central west, a lot of stations on this freq. each night. The eqpt. for 52.525 mc is for sale on the market very cheap — about $25.00 for complete mobiles.

73
Robt. Hawk, W9TRN
1019 West Lincoln Ave.,
Goshen, Ind.

LETTER TO THE EDITOR

We are very happy and honored to receive the Florida Skip Award. I have read about the award and have seen one or two but I have never given it a thought that I would myself be the recipient of one. Once again I am honored to have a Florida Skip Award hanging on the wall of the "shack." Thank you very kindly.

Ralph A. Peters, K4RKY
Veterans Hospital
Bay Pines, Fla.

ECHO EFFECTS

For a different sounding audio on the last 6 meter band opening I got a few extra contacts on a crowded band by tuning on an extra receiver (no antenna), a NC-125 to 25 mc. (plus) and let some of my signal from the receiver (Nc-125) speaker across the room enter the mike as a slight echo. It sounded like a cave so I called Kool 4 Under Ground Caves.

73 — Dick, K4UGC, Miami

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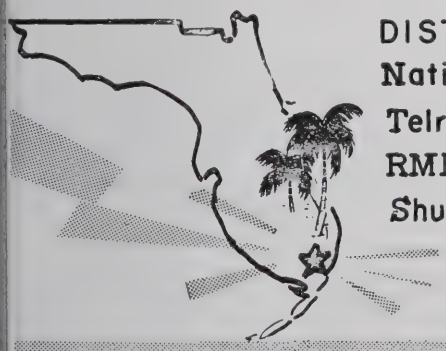

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See: W4NVF, Roy Humston; Dick Owens; or MGR. Tex Quinn

You are cordially invited to visit our Equipment Display Booths and get your free gift at the TROPICAL HAMBOREE in January.

FLAMINGO NET NEWS

Walt Dixon W4DWN

Howdy, you alls. The Flamingo Net wound up 1960 with a bang and is looking forward to bigger and better activities for 1961. As you know we are a social net, besides being ragchewer types, and everyone gets quite a lot of fun attending our different outings etc. The annual general meeting of the Flamingo Net where we all eiect officers and decide who is on what committee will be held around January 20th. The definite date will be announced over the net in plenty of time for all interested parties.

The Net wishes to congratulate W4GJ-Walt on directing the phone-patching of 25 children patients of the Children's Cardiac Hospital to their parents out-of-state, on Christmas Day. Walt suggested this project on the Net one evening and got the wholehearted support of Net members. A tremendous amount of paper work was involved locating hams in various cities around the country where the children's schedules iwth these hams for Christmas Day. Helping W4GJ-Walt were W4APP-Hal, K4-KDJW- Moe, K4KHS-Bill, and others.

We want to report that W4-WYR-Evelyn is home from her short stay at the Hialeah Hospital. She says that everything is as good as new. Hi!

W4AKB-Charlie is moving to a new qth in south Miami. Claims he has a room all picked out for a new ham shack.

K4JJU-Warren worked PJ3AD with his new mobile rig the other day and by golly got a qsl card from him. Nice going Warren!

W4PCD/4-oJe is a new member of the Flamingo Net and we want to welcome him to the Net. Joe is also in the process of moving to a new qth, computor and all. hi!

K4EBG-Bun has put up a new full-sized 20 meter beam so if your receiver jumps off the table when you tune across him that is the reason. hi!

W4OLV-Bill is building up a home-brew rig running a pair of 807's in the final.

W4BWP-OB just got back from a weeks vacation up into the Carolinas. Seems to me OB you are always just getting back from a vacation. hi!

K4GSD-Nelson has just added a new modulator to his Adventurer and it sounds very fine.

The Flamingo Net invites anyone interested to join in with us and have some fun. You will meet a swell bunch of hams. Give us a call Friday evenings starting at 7:30 p.m. on 29.44mc. That is all for now. Hope everyone has a happy and DX filled NEW YEAR.

UNIQUE NEW BOOK ON MAN-MADE INTERFERENCE

"Eliminating Man-Made Interference" by veteran author Jack Darr, is a long-awaited, practical book on noise and interference problems, which are among the most perplexing confronting the service technician.

Twelve chapters covers the entire field of man-made interference — what it is, how it is transmitted, how it originates, how to track it to a source, and how to eliminate or minimize its effects in home radios and TV's, audio amplifiers, two-way mobile-radio systems, auto, aircraft, and marine radios, electromechanical apparatus, geophysical equipment, etc.

Two whole chapters contain actual histories of many types of interference, as well as many out-of-the-ordinary types of noise and interference from the files of the FCC.

Among the 173 illustrations are actual photographs of many types of interference as they appear on TV screens. Other illustrations show how to build a noise filter, and how to eliminate noise from small AC motors.

"Eliminating Man-Made Interference" is available from electronics parts distributors and bookstores throughout the country, or from Howard W. Sams & Co., Inc. Indianapolis 6, Indiana. 160 pages at $2.95.

EMERGENCY GENERATORS

A4NWK

Many of the generators issue by MARS were equipped wit electric starters and battery igni tion systems. Perhaps the mos neglected single item of suc installations is the battery. It i doubtful if anyone operates hi generator sufficiently to maintai a good battery charge — soone or later he finds the battery com pletely exhausted.

There is a gremlin by the nam of "local action" working con stantly on the innards of a bat tery — no need to go into al this when you know that a neg lected battery is soon a dea battery and a dead battery is a ruined battery and a ruined bat tery means skinned knuckles an ruffled tempers.

One way to assure that stor age batteries are maintained i good condition and capable o delivering their maximum capac ity is to keep them on a "trickl or floating charge". This trickl charge should be on a continu ous basis and just sufficient t off-set the natural tendency o the battery to discharge itself Over a 5 year period it was foun that a 100ma trickle charge wa sufficient to maintain a charg on a 12 volt battery for startin a 6 cyl. diesel engine. This en gine remained idle over man months as it was only used fo irrigation purposes.

The Silicon rectifiers are a na tural for most automatic trickl chargers. With their low IR dro you can utilize ordinary filamen transformers rather than specia made ones. The investment will b very low and the power consump tion will be almost negligible particularly if you use low capac ity transformers.

Using a 6.3 V. A.C. transform er, the charge will be approxi mately 250 ma when the batter voltage is 6.0 volts; it will b "O" ma when the battery voltag reaches 7.0 volts. With 11.3 V AC transformer the charge wil be 250 ma when the battery volt age is 12.5 volts and will be "O ma when the battery termina voltage reaches 13.5 volts. Brin the battery up to capacity firs with a battery charger. Increas the current limiting resistor i you have abnormal line voltage Just because this unit will main tain the battery in good conditio — DON'T neglect to periodicall run the engine AND when you d so — bring it up to temperatur BEFORE shutting down.

(A4NWK, From 3rd MAR BULLETIN Lucile Peck, AA4 MNM — Editor)

RADIO ACCESSORIES CO.
OF ORLANDO, INC.

Wholesale Distributors

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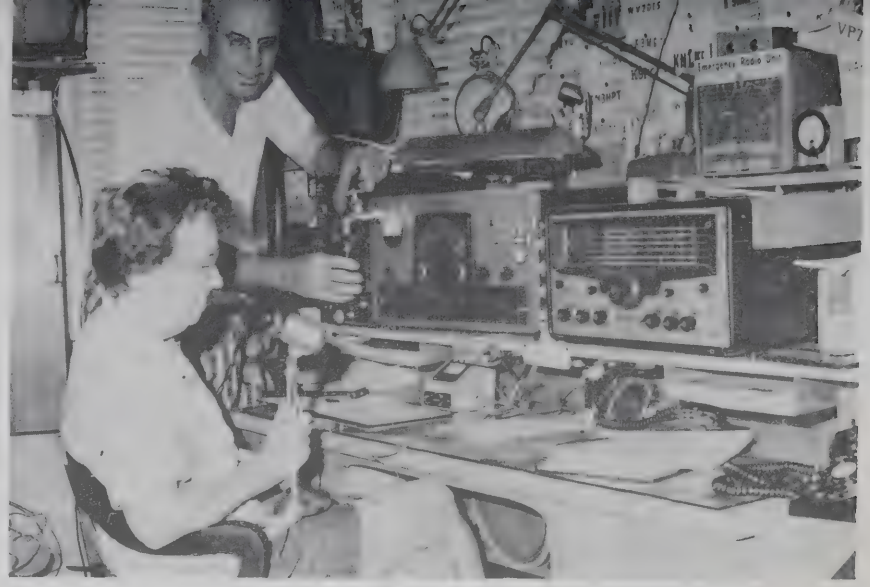
HAMMARLUND Receivers	JOHNSON Kits	NATIONAL	JUST ARRIVED —
HQ—100	ADVENTURER	NC—60	A call will hold it!
HQ—110	CHALLENGER	NC—109	DRAKE 2-A Rcvr.
HC—10 conv.	VALIANT	NC—303	ELMAC AF-68
HQ—170	RANGER	NC—400	GONSET GSB-100
HQ—180	10m Trans-cvr	HRO—60T	GONSET GSB-101
	6N2 Converter	VFO—62	

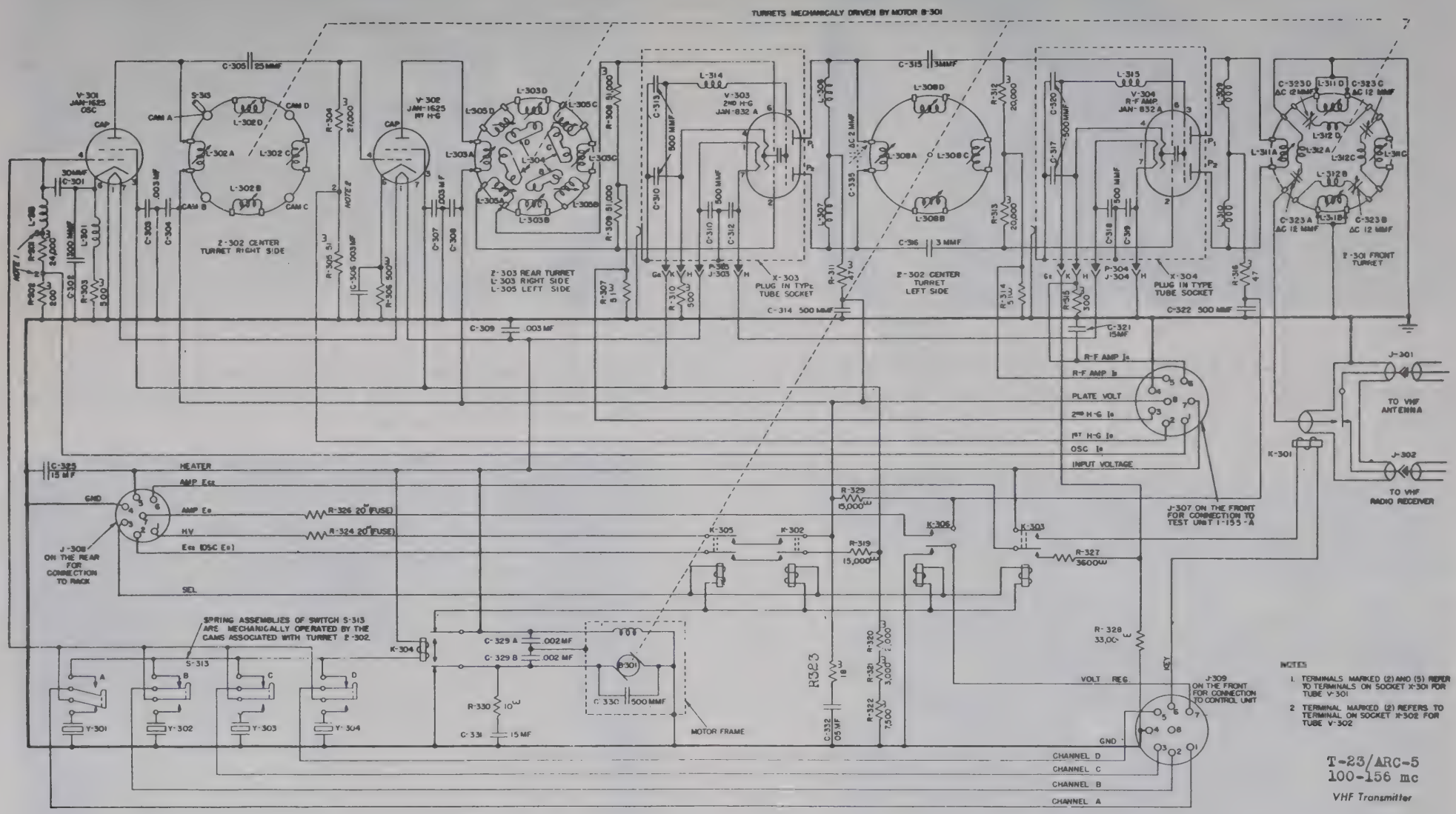
W2SKE, Bill Leonard from CBS, Voice of America, NYC was in Miami on a special assignment and while here he taped interviews from: L to R: W4WYR, Hamboree Chairman, W4LVV, Skip DX Editor, W2SKE and KN4WML daughter of LVV. Also interviewed was ve Editor.

Do you see anyone you know? I do. This was taken at the Daytona Beach ARA Gabfest last summer. They plan another this year. Watch SKIP for details. (All pictures on this page were taken by W4IYT)



This is the unusual shack of Walt & Mim Cook, K4VNA & W4IUR, Box 1004, Daytona Beach. Walt pours a "cool one" while Mim reports into the Floridora Net. (Real nice people!)

Meet the two youngest (1 year old) members of Florida Skip Staff. Anne Marie and Mary Ann Clark. In case you wonder what keeps us busy between deadlines, here are two little reasons, plus another, Andy Lee, age 2.



NOTES

1. TERMINALS MARKED (2) AND (5) REFER TO TERMINALS ON SOCKET X-301 FOR TUBE V-301
2. TERMINAL MARKED (2) REFERS TO TERMINAL ON SOCKET X-302 FOR TUBE V-302

T-23/ARC-5
100-156 mc

VHF Transmitter

FLORIDA SKIP

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any item listed in this column.

This column is FREE to any Licensed Radio Amateur. There is no limit to the number of items an individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

CLASSIFIED and COMMERCIAL ADVERTISING RATES:

To Licensed Amateurs; Buy, Swap, Sell (non-commercial) — Free.

To Commercial Business; Classified, undisplayed — 50c per line; Illustrative or General Display with order — $3.50 min., $80 / page; Initial cost of cuts, additional. Cuts furnished, no charge.

An Advertising inch is measured 1/8" vertically on one column, i.e., 1 Columns — 40 column inches to page. Rate card by column inch supplied upon request. FLORIDA SKIP Inc., Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: For quick sale. BC357-J, new Beacon receiver (90 mc.) $5.00. BC-645 UHF xmtr 400 mc. Can be converted to 420mc with very little trouble. It is brand new with cables, and tubes, $15.00. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs 66, Fla. TU 8-3874.

WANTED: All certificate hunters—write Clif Evans K6RX, Box 385, Bonita, Calif. for information on his new Directory of Certificates and Award. The only one of it's kind in the world.

WANTED: Receivers, unmodified clean surplus, BC-342, BC-779, BC-794, Bc-1004, URR-13, URR-38, R-388-/URR, R-390/URR, ARN-6, ARN-30, SP-600, R-278/GR. Transceivers, BTA-1B, ARC-34, certain test sets with TS, UPM, URM, ME, and SG prefixes. Drop us a line with description, quantity, condition for a quick cash quote, Bill Slep Company, Drawer 178, Ellenton, Florida, Phone 6-0156.

From estate of W4IM: Nc-100XA receiver $30.00. 2 intercoms $15. Viking I transmitter $100. Banswitching 807 xmtr in cabinet (nice) $35. 10 meter xmtr (rough-for parts). Astatic 104 $5. Aprox 30 3.5, 7 and 14 mc crystals at .25 each. 1 set headphones $1. 6 straight keys $1 each. Field strength meter $3. 1 handset (push to talk) $2. 1 VFO (in cabinet) $5. 2 small power supplies each $3. Mobile antenna mount $5. Misc. tubes, wire jacks, meters, coils etc. at your price. Contact Ab Adams W4FNR, 3280 Jackson Blvd., Ft. Lauderdale, Fla. All inquiries and offers will be appreciated. Will the person that borrowed Brock's BUG please contact Mrs. Angle. Sentimental value. 73 Ab.

FOR SALE: Globe King 400C in excellent used condition plus VFO and complete set of coils and links 10 thru 80 meters. Have gone SSB and have not used it for 2 years. So how about an offer? Walt Dixson W4-DWN, 820 N.E. 123rd. St., Miami 61, Phone PL 9-3647.

WANTED: DO YOU KNOW HIM? John Eichman, Jr., W2AOI, last known address Palham, N.Y. is thought to be in Florida. If you know his whereabouts, I would appreciate the information. Art Benzee W4FE, Box 358, Howey-in-the-Hills, Fla.

ON SALE: 6 meter list of active VFR'ers in St. Pete., Bradenton, Sarasota, Tampa, Lake Wales and Bartow areas. (20 pages) Only .30 which includes cost of printing and 12 postage. Tampa ARS, K4EBT, Box 1862, Tampa, Fla.

WANTED: Everyone to look for big announcement about "Dear Mabel's" new book. It will be the funnyest reading in Florida. Look for release date in this column in future issues. Skipper, Box 501, Miami Springs 66, Fla.

FOR SALE: ARC-5, T-23 100-150 mc xmtr with all tubes. 4 channels using 4 seperate coils in a automatic turret using 12 v. or 24 v. motor. These cotils can very easily be rewound for 6 and 10 meters giving you 2, 6 and 10 meter in same xmtr with 50 watts. $18.50. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

FOR SALE: 250 Watt modulation xftr. $10.00. Heavy Duty Squirrel cage blower 100 cubic feet per minute. $10. Heath V-7A cacuum tube volt meter $15. Truvox tape deck and Heathkit tape recorder electronics kit, completed and working, both excellent and working $40. Eico model 525 Oscilliscope $40. WANTED — 6kc, 2.1 kc, 800 cy or 500 cy filters for 75A4. C. Barns, K4DZP, 553 East 16th St., Hialeah, Fla. TU 7-6153.

FOR SALE: New Dynamotor 12 volt input, 440 v at 210 ma out. $8. NC-100 receiver, excellent condition with all new tubes $60. 150 watt modulation military grade, potted and sealed $8. Sola Constant voltage xfmr 95-125 volts input, 115 volts 60 cy output, 60VA rating, perfect for your test bench instruments. $16 WANTED: Type F-455J-60, 75A4 Collins mechanical filter. State price or swap? Bob Woodruff K4JJZ, 121 E. Cornell St., Avon Park, Fla.

FO RSALE: Six meter conversion of DX-35 with 15, 20, 40 and 80 meters still ntact. Very good condition Complete with three xtals and 5 element Hy Gain beam. $50. Paul M. Connolly K4YSS, 919 SW 23rd Road, Miami. FR 3-1804.

FOR SALE: BC-779 Super Pro receiver It has "S" meter, crystal selectivity, phasing and with RA-84 power supply. Also 7 element Cush Craft 2 meter beam. Both very cheap. Ken Goodwin K1ONW/4, 1842 Nebraska Ave., St. Petersburg, Fla.

FOR SALE, TBS50D with APS 50 powed supply $60 With VFO $85. Heath CB-1 pair perfect $50. Tecraft 2 meter conv. factory aligned $25. Viking mobile with VFO, PE-103 and base $90. Globe CB - 100 $75. Hal Palmer K4CZY, 228 N.E 172nd St. North Miami Beach.

FOR SALE: Heath Kit Cheyenne mobile rig with 12 volt and 110 volt power supplys. $200 or best offer. Red Vpthegrove K4QBV, 351 West 16th Way, Riviera Beach, Fla. Tel VI 3-4575.

WANTED TO BUY: SX-62 in good working shape, will pay $150 as top price. Reed Martin W4VDY, P.O. Box 1023, Tavares, Fla.

FOR SALE: Gonset G-77 transmitter in like new condition. $17. Earl Carter W4YHW, 910 Oriole Drive, Miami Springs 66, Fla. TU 7-4001.

FOR SALE: 10 meter 3 element beam, 12 ft. boom 1 inch diameter one piece elements. $20. 15 meter 3 element beam, 20 ft. boom 3 inch dia. $30. Construction details from W6SAI's Beam antenna handbook. PE-103 dynamotor $10. C. N. McReynolds, Jr., K4SJU, Box 2424 CBS, New Smyrna Beach, Fla.

FOR SALE: Johnson Signal Sentry, never used. $15. Quinton Lofland W4RMR, 611 N.E. 3rd Pl. Hialeah TU 8-0439.

FOR SALE: 1400 V. at 250 ma. (conservative) power supply. Time delay, tune up and relay circuits, built in. Built in bottom drawer of 2 drawer file cabinet (steel). $100 takes it. G. R. Skinner K4LVZ, 1001 West 51st Place, Hialeah. TU 8-8271.

FOR SALE: Gonset Super-12, 6 band mobile converter. Operates directly from 12 volt DC car battery. $45. Hy gain T-3 mobile trap tri-bander with TWB telescoping antenna $15. All excellent condition. Frank Nankin, K4BNZ, 1000 - 88th St., Miami Beach 54 Fla. UN 6-2351.

FOR SALE: Gonset 3-30 mc converter $20, with a.c. power supply $25 or swap for VFO, signal generator or what have you. Dick Moody KN4-AUD, 5415 Columbus Road, West Palm Beach.

FOR SALE: National NC-183 with matching speaker, very clean and good shape. Has 6 meter band. $185. 30 foot telescoping antenna mast, steel with guy rings. (have 2) $7. each. Millen Gid Dip meter with all coils. $38. 100th's $6 each. New RG8-U coax .08 a foot. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs 66, Fla.

WANTED: More HAMBARS. Free to all licensed amateurs. Box 501, Miami Springs 66, Fla.

WANTED: One National MB-40L low power multiband tank. I. H. Anderson, K4CA, 432 Third Ave. N., Naples.

FOR SALE — SX28A needs power transformer and general overhaul. $50 as is. W4LVV Miami.

For Sale or swap for what have you — large quantity of surplus xtals in holders. Most frequencies outside of ham bands between 1.5 and 12.0 MC — W4LVV 2210 S.W. 27 La Miami.

Don't forget the Hamboree in Miami Jan. 14 and 15.

DISTRUCTIVE DONNA

Hurricane Donna's damage climbed over a billion dollars and eaths, over 100, in the U.S. and West Indies. Such a hurricane expended energy at the rate of several hundred Hydrogen bombs per minute. In 10 days of a typical hurricane, the heat liberated by condensing water is equivalent to 10 million atomic bombs, or enough to supply all the electrical needs of the U.S. for the next 600 years.

A typical hurricane, too, takes in 20 million tons of air every minute at its lower levels, such air rising swiftly and thrown out 7 to 8 miles up.

Scientists still ponder the mysterious birth of these storms near, or on, the equatorial fronts and their relation to the combination of the earth's spin with existing weather factors there.

Provacative suggestion: Why not diminish a hurricane's force by man-made rainfall in the area to which the storm is heading, thus "starving" a hurricane?

(By Dr. Louis J. Polskin MD, K4LTX, from Science news and LARS Bulletin.)

160 METER DX TESTS

Even though the 160 meter band is restricted in Florida the following from "Top-band DX mann" and Editor of a 160 meter bulletin, S. S. Perry, W1BB, 36 Pleasant St., Winthrop, Mass., might find interesting to the old 160 meter men.

"Preliminary announcement of the annual Transatlantic and worldwide "Top-Band" 160 meter DX tests is hereby given with the dates set for December 4th and 18th, January 8th and 22nd and February 5th and 19th, 1960-61. Tests start at 0500 GHT (midnight EST) each morning through 0730GMT. These tests are sponsored by an active group of English and DX amateurs in cooperation with USA/VE's particularly interested in working DX the hard way on 160. However, the thrill of contacts on this band more than compensate for the effort."

W1BB requests any information from any Florida or any other amateur being heard or worked during these tests. Send dope to him at address above.

LETTER TO EDITOR

Editor, Florida Skip:

I have been receiving copies of the Florida Skip regularly and certainly want to thank you for them. They are very interesting reading. Of particular interest in this issue were the articles in reference to Donna.

Keep up the good work.

73
Walter Ermer, W8AEU
Cleveland 11, Ohio

(Editors note. Old friend Walt was the Edison Award winner for 1959, and truly tops in emergency escommunications and planning. See April 1960 QST p. 32 for pictures and story.)

ELECTRONIC SWAP SHOP

Buy - Sell - Trade
Communications & Electronic Ham or Commercial Equipment

Write for our list of Trade-in Equipment, all in first-class operating condition, or let me know what you need.

Season's Greetings and I'll see you at the HAMBOREE in January.

RUSS PATTERSON, W4CPG

1733½ W. Hillsboro
Tampa 3, Florida
Phone RE 6-0919

SPECIAL REPORT

Joseph Caplano Jr. K4VFW

The South Miami Radio Club and the Everglades Radio Club had their picnic after a few postponments due to weather and a thing called DONNA. The S.M.-R.C. and E.R.C. had there joint picnic at Homestead, Fla. It was something new worked out by Dick K4JJQ, and a few others.

eW arrived there just as they were setting up the bar. They did serve two name brands, orange and coke. After that we all dug out our lunches and had a good meal, and rag chew. Games for the kids followed while Jack Bible president of E.R.C. and Dick Caplano President of S.M-R.C. Both presidents discussed club problems.

Old John Porter, W4KGJ was getting signatures. What was that for anyway John?

Ernie K4KIC took over and did a fine job as usual. Don't know which YXL won the rolling pin throwing contest but she sure had a nasty true aim. Next came the game of tossing a water filled balloon to your XYL, and take a step back after each throw. Balloons are cheaper than eggs, and you can get just as messy. You can't have a picnic without a tug of war, yes Homestead Club won.

Many prizes were given for the games and we never did get to play soft ball. The door prize was just that a small door, plus two tickets to the Hamboree in January. It was won by Jack W4BZT. We really had a F.B. time and thank all those who worked to make it a success.

We are looking forward to a another one, and maybe this will start the ball rolling for other clubs to do the same. It could work into quite a picnic. Let's not wait until next year Homestead. lets get together real soon again!

ARRL — OB 775

With continued FCC citation and 00 observation of phone splatter, key clix, and out of band operation, all amateurs are urged to examine their own signals as well as give honest direct critical signal reports. Application for Official Observer appointment is invited from experienced amateurs of General Class or higher license. Official Observers are needed toexpand the work of sending friendly advisory notices. Those qualified are invited to apply to their SCM for an 00 appointment. (See Page 2).

BROWARD HAS SILENT KEY

We are deeply sorry to report the passing of Brock Angle, 56, W4IM of Fort Lauderdale on November 25th, after a lingering illness. He was born in Windsor, Va. and came to Florida in the early thirties. First licensed as a W2 in 1928. Brock was issued W4IM in 1948. He was a charter member and past president of the Broward Amateur Radio Club.

W4IM served faithfully as Section Emergency Coordinator for Eastern Florida and helped set a nationwide recording for perfect SEC monthly reports with the present SEC.

He organized the first JOCO drills, worked with the Boy Scouts and was awarded Silver Beaver award, the highest in scouting. He worked with the Scouts for over 30 years.

Employed by United Fruit Co., Tropical Radio & Telegraph, Brock was radio operator aboard United Fruit ships during the 1920's later working for many years at WAX in Hialeah and Ft. Lauderdale. He had thirty-one years service with U.F. and obtained his First Class commercial license in 1925.

Mr. Brock's military service included; four years in the Navy, graduating from the Naval Great Lakes Comunications training school in 1922. Coast Guard in WW II, and four years in Naval Com. Reserve after WW II.

(Editors note: Brock has been a personal friend of mine for many years and a finer man and amateur I have yet to meet.)

BROADCAST AMATEURS

There are many amateurs employed at Broadcast and TV stations throughout Florida who are active on the amateur bands but wh have to work during any emergency.

As an example at ur station WGBS in Miami (50,000 watts) many of us working 24 hour straight and more during Hurricane Donna. During the hurricane we lost power and had to operate until the following Sunday afternoon n auxilliary diesel generatr. The fuel pump belt broke on the diesel and had to fed it manually until a new belt was installed.

We lost a 5 KW modulator tube and had to make a quick change and the wind blew some brush on the transmission line which had to be cleared.

Few of us keeping the 710 kc spot hot are W4OLV, W4PQ, W4-BQC and W4LSA. 73 Al Johnson, W4LSA.

ANOTHER SILENT CARRIER

John J. Collins, W4AKH, 60, of 2407 Oleander Ave. died of a heart attack at his home early Saturday, November 26th.

He had lived in Fort Pierce for the past two years, coming here from Staten, Island, N.Y., where he was city disposal engineer.

He was a member of St. Anastasia church, the Holy Name Society of the church and the Fort Pierce Amateur Radio Club.

John never tired of working the South Florida local gang on 6 meters and will be sadly missed by all his 6 meter friends all over the state.

(From K4DZP — Hialeah)

DO YOU KNOW HIM?

John Eichman, Jr., W2AOI, last known address Pelham, N. Y. is thought to be in Florida. If you know his whereabouts I would appreciate the information. Have contact with his brother, WA6IVM, in Calif. who has not heard from his in several years. Incidentl yhis sister is Clara Reger of Buffalo, W2-RUF. I have not heard or seen John since about 1925. Art Benzee W4FE, Box 358, Howey-in-the-Hills, Fla.

LETTER TO NOMINATING COMMITTEE

Dear Committee:

I was very pleasantly surprised and delighted to receive the Florida Skip Award. What I did in connection with the emergency (Donna) was to try to be of as much help as I could.

Please convey my thanks to the Staff of Florida Skip and the Nominating Committee.

We look forward to each issue of Skip. It is our favorite publication. Keep up the good work.

Very 73
Art Benzee, W4FE
Howey-in-the-Hills, Fla.

THOUGHTS FOR THE DAY

The greatest handicap — Fear.

The Best day — Today.

Easiest thing to do — Find fault.

Most useless Asset — Pride.

The greatest mistake — Giving up.

The greatest comfort — Work Well Done.

Most disagreeable person — the Complainer.

Worse need —Common Sense.

Meanest feeling — Regret of Another's Success.

The best feeling is being kind and nice to everybody.

Best gift — Forgiveness.

Greatest knowledge — God.

The greatest thing in the world — Love.

DEA MABEL

(QSY'd from front page)

condition. You wouldn't want th solid fat turning to flab, wou you?

Dear Mabel,

My secretary is marrying ham next month. What would y suggest I give her for a weddi gift?

Big Executive

Dear Sir:

A substantial increase in sa ary.

Dear Mabel

My husband spends hours pu tering around the shack when I isn't on the air. While he putte he whistles "The Old Oaken Bu ket." Night after night, nothir but "The Old Oaken Bucket" ar it is driving me out of my min What can I do?

Tin Ear

Dear Tin Ear,

Wat to trade him for one wh hums "Bury Me Not On the Lor Parie-e-e?" Sounds unforge table when he has a head col Or Nancy might be tempted t lend you Earl the Pearl. He cha cha-chas around the shack whe thinks are going good. Let u know. Soon.

Dear Mabel,

Our club here in Texas is plan ning to award a certificate to a five-year members. Any sugges tions for the name of the award

Tex

Dear Tex,

How about "Fastest Solderin Gun in the West?"

CALL BOOK GOOD WILL PROGRAM

Did you know that thousand of our DX friends don't own call book? Many have never see one.

Over a year ago Clif Evan K6BX, Box 385, Bonita, Calif. established a clearing office t which overseas amateurs an SWLs could write without em barassment asking to be placed on a waiting list until some gen erous U.S. amateur offered t send them a call book under years old. Their letters ask an even plead.

Over 2,000 CBs have been sent so far, yet K6BX now has ove 1,000 letters on file awaiting, w usually generous Americans t GIVE!

Write K6BX today if you wish to help and he will send you one of these letters so you can join the Good Will Program and make a DX friend happy! Come on Florida Amateurs — dig in and help!

FLORIDA SKIP

A Non-Profit Organization

L. 4 — NO. 9 | The All Florida Radio Amateur's Publication | FEBRUARY, 1961

ear Mabel,

ear Mabel, can you tell me
ow to sugar-coat the pill
hat side-band's taking over.
won't be long until
M's gone, like the Dodo of
eryear
nd passenger pigeon, too.
ub the crystal ball, dear
bel
nd see what you do view.

Anny Onymous

ear Anny Onymous, it could

hat in the future, Telepathy
ill take the place of present
o.

ith some powerful concentra-

nd some mental calibration
ur thought waves will go to
fro.

beamed thought-transference
ill be an everyday occurance
e'll just think hard to QSO.

e'll tune our minds across
bands
nd holler, "Hey, look Ma, no
ds!"
'll need a gain on my brain,
y-O).

ou know those bands will
n real big
ecause if brains are the only

here's some hams won't be no

Love Mabel

MIAMI TROPICAL HAMBOREE

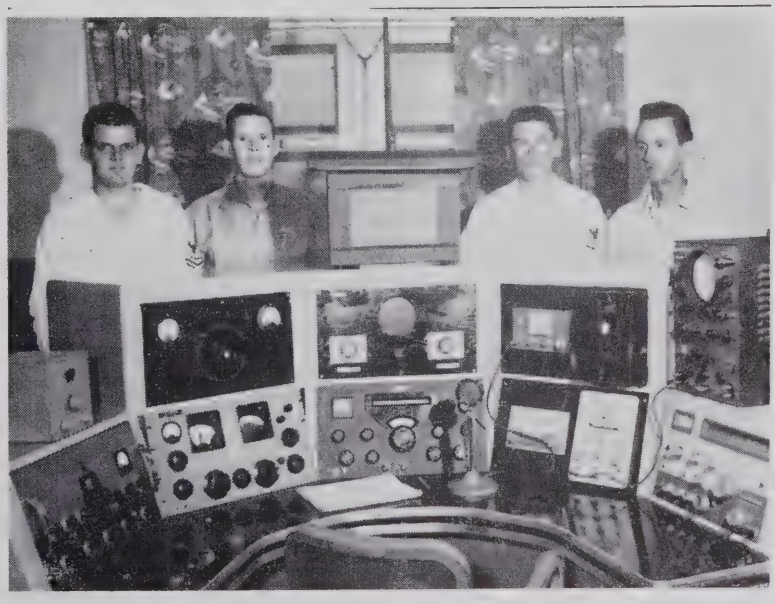
The Annual Miami Tropical Hamboree for 1961 is now history. All 1522 people who attended January 14th and 15th will agree it was the greatest ever. All prize winners of the more than $2000.00 worth of goodies will even agree more. Beams, receivers, transmitters, phone patch, mikes, bugs, books and many, many others were clutched in hot little hands as they departed the Miami Bayfront Park Auditorium.

The Manufacturers Show was excellent! The very latest amateur equipment at your finger tips for very close examination with your answers prompt and from the horses mouth. It was a wonderful chance to decide what equipment was next in your shack.

The old saying one picture tells the story of 10,000 words is probably true, so look for 60,000 words elsewhere in this issue and more next month.

Congratulations to the Dade Radio Club on a terriffic Hamboree !

Roses are red
Violets are blue:
Patronize Skip advertisers:
They'll do right by you.
— Brown Cow



Radio station K4NCN and left to right, Alfred Pedneau, Richard Munger, John Storter, and K. D. Morgan.

P L E A S E . . . . . .

Stop look and listen — Do it now — Don't wait — The life you save may be mine — Tear it out — Hang it up — Nail it up — and all that kinda stuff.

BUT be sure and save the AREC plan at the back of this issue.

Donna taught us the importance of a plan like this. Let's all study the plan and keep it in a prominent place in the shack.

We were much impressed with the plan and are cognizant of the time and effort that must have been put into it. Only a storm like Donna could expose the short comings that the new AREC plan provides for.

If you need extra copies of this plan for yourself, CD station, Club station or for a non-member of Florida Skip, just write to: Florida Skip, P. O. Box 501, Miami Springs 66, Florida. No charge of course.

K4LQS

MEMBERSHIP CHANGES OF ADDRESS

Four week's notice is required to effect change of address. When notifying, please give old as well as new address. Advise promptly so that you will receive every issue of FLORIDA SKIP without interruption.

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FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for 1 year or $4.00 for 3 years for my membership to Florida Skip.
New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

LETTER TO EDITOR

Editor, Florida Skip:

Thank you for the renewal notice. You will find enclosed two dollars for another year of the Skip.

Would be lost up here in Alaska without it, I do believe.

By the way, I am now in addition to my other job, Chief Operator of MARS station KL7-FBK. Usually operate on 15 and 20 meters with a 600 L (C.E.) and a Hy-Gain Tri-bander. Seemsto do a FB job.

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Any other news for this colum would be greatly appreciated.

Until next month
73 Don - K4FMA

FLORIDA SKIP

A Non-Profit Organization

L. 4 — NO. 9 | The All Florida Radio Amateur's Publication | FEBRUARY, 1961

ear Mabel,

ear Mabel, can you tell me
ow to sugar-coat the pill
hat side-band's taking over.
won't be long until
M's gone, like the Dodo of
teryear
nd passenger pigeon, too.
ub the crystal ball, dear
bel
nd see what you do view.

Anny Onymous

ear Anny Onymous, it could

hat in the future, Telepathy
Vill take the place of present
o.

Vith some powerful concentra-

nd some mental calibration
ur thought waves will go to
fro.

beamed thought-transference
Vill be an everyday occurance
Ve'll just think hard to QSO.

Ve'll tune our minds across
bands
nd holler, "Hey, look Ma, no
ds!"
I'll need a gain on my brain,
ny-O).

ou know those bands will
n real big
ecause if brains are the only

here's some hams won't be no
.

Love Mabel

MIAMI TROPICAL HAMBOREE

The Annual Miami Tropical Hamboree for 1961 is now history. All 1522 people who attended January 14th and 15th will agree it was the greatest ever. All prize winners of the more than $2000.00 worth of goodies will even agree more. Beams, receivers, transmitters, phone patch, mikes, bugs, books and many, many others were clutched in hot little hands as they departed the Miami Bayfront Park Auditorium.

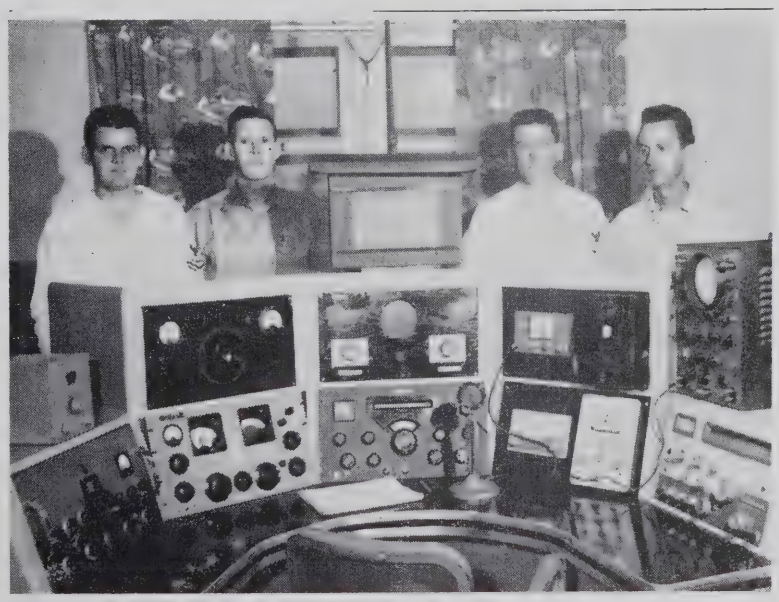
The Manufacturers Show was excellent! The very latest amateur equipment at your finger tips for very close examination with your answers prompt and from the horses mouth. It was a wonderful chance to decide what equipment was next in your shack.

The old saying one picture tells the story of 10,000 words is probably true, so look for 60,000 words elsewhere in this issue and more next month.

Congratulations to the Dade Radio Club on a terriffic Hamboree !

Roses are red
Violets are blue:
Patronize Skip advertisers:
They'll do right by you.

— Brown Cow



Radio station K4NCN and left to right, Alfred Pedneau, Richard Munger, John Storter, and K. D. Morgan.

P L E A S E . . . . . .

Stop look and listen — Do it now — Don't wait — The life you save may be mine — Tear it out — Hang it up — Nail it up — and all that kinda stuff.

BUT be sure and save the AREC plan at the back of this issue.

Donna taught us the importance of a plan like this. Let's all study the plan and keep it in a prominent place in the shack.

We were much impressed with the plan and are cognizant of the time and effort that must have been put into it. Only a storm like Donna could expose the short comings that the new AREC plan provides for.

If you need extra copies of this plan for yourself, CD station, Club station or for a non-member of Florida Skip, just write to: Florida Skip, P. O. Box 501, Miami Springs 66, Florida. No charge of course.

K4LQS

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Amateur Radio Center, Inc,

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PHONE FR 4-4101

CHARACTERS I HAVE KNOWN

This character I have known over 40 years, we went to school together. When I say together, I mean just that, for over five years, rain, snow or shine, he was at the front door asking if I was ready for school. Such patience will never be rewarded.

When we got into trouble at school, we were always together. We were always punished together. Reading QST behind a geography book was duck soup compared with what we got away with. Paper wads stuck to the ceiling escaped detection until one day there wasn't enough room for anymore and the area of bombardment was a dead give-away. The morse code was responsible for more nights after school than I can remember, for what real ham could escape the urge of tapping pencil leads on the staccatto hollow desk top?

We had been boot-legging spark for nearly five years, when one day we each received an official looking letter. " - - It comes to my attention you are operating an unlicensed spark transmitting station — please give your reasons for doing same." This in part really got us worried. Not to be defeated, we rushed down together, to our friend and adviser, the home town Notary Public. "Are you sure you can send 24 words a minute?" he asked. I hedged a little and answered, "We can handle 12 anyway, if the atmospherics aren't too bad.

Well we got our licenses the same day. You would have thought the population of important people in the old home town had doubled that day. Being real hams now, we decided to put away the ford spark coils and invest in this new continuous-wave business. Being ex-bootleggers, naturally we invested in some bootleg UV-202's, made by a "Rolls-Royce Tube Company." These tubes were rated at "5 watts," recommended plate voltage 350v.

Those poor tubes never had half a chance for we started out with 550 volts (AC). After several hours the bases started cooking — so we removed them. My budy picked up a 750-750 homemade transformer and not being happy with using only half of the transformer on the plate, proceeded to dump the whole 1500v on. Nothing really happened except the plate got so hot the electrons blasted right through, taking part of the grid wires with them. He gave me the disintegrated elements as a reminder that 400 per cent over-load was not practical.

Filament burn-outs was a constant headache in those days. We used to send them back to Rolls-Royce for repair. No one ever heard of a spare tube so we just waited until they were returned, and never quite as good as new.

Finally, we evolved the idea of water cooling. We had been using water cooled rheostats; just set the knob quickly and dunk the whole works in a quart jar of water — there to stay until the next adjustment. Tubes got the same treament, with more care as to lead insulation. It wasn't uncommon to shut down while we cooled off the steam. Why many a cold dry winter night, the corona on the lead-in bushing outside the window would have us worried that maybe the water was running too hot. Funny thing, we always had the same trouble, probably because our "developments" were always joint ventures, into the comparatively unknown.

Came the Total Eclipse of the sun in January of 1925. No radio tests had ever been made under these conditions before. QST and Scientific American was pleading for hams in our area to conduct tests. We volunteered, got a lot of letters, and our names in the local paper, so we HAD to do something. We pooled our resources and set up at FC's farm, some two miles out of town. It's odd what a teriffic imagination we had. We thought we heard echos, and of course our signals were ten times stronger! And then the batteries went dead. We immediately set to work making plans for the next eclipse, of the Sun! We did get a nice 8 by 10 photo of the eclipse from Scientific American magazine for our efforts.

THE OLD TIMER

ARRL OB 783

February presents an excellent opportunity for every amateur to test his frequency measuring skills by participating in an ARRL Frequency Measuring Test. W1AW will transmit signals for measurement at 2130 EST February 15, 0230 GMT February 16, on approximately 3666, 7009 and 14,050 kc.

A second series of test signals will be transmitted at 0030 EST, 0530 GMT, February 16 on about 3636, 7045 and 14,135 kc. Each participant will receive an individual report comparing the accuracy of his measurements with those of a professional frequency measuring laboratory.

Further FMT details will appear on page 75 of February QST.

HOWZAT?

Two shiny black 1914 model T Fords draggin' down a quarter mile strip of beach? Dispatched and timed by a paid of 6 meter mobile too?

Yet, it was part of the annual Ormond Beach "Birthplace of Speed" celebration, November 26, 27. There was an antique car show, a parade, prizes for cars and drivers costumes, drag racing for the antiques and plenty of food and drink and reminiscing.

DBARA was asked thru Volusia County EC Adam K4UJW to furnish mobiles for comunication at the drag strip and back to the garage. Ike, W4PLO, and Bob, W4BRP, operated mobile on the beach and Adam set up his sixer at the garage.

Timing signals were passed from the mobile at the starting line to the mobile at the finish line. One old timer made it in 19 seconds!

Officials were surprised and very pleased with the communications and commended the 6 meter boys highly. Well done, Gents.

73 — W4SDR PAM E. Fla.

DO YOU HAVE ANY TRAFFIC PROBLEMS?

ST. LOUIS (AP) — A classic traffic goof occurred in St. Louis.

Two one-way streets funneled astonished motorists into an intersection from which there was no legal way to escape.

A red-faced traffic department admitted that barricades erected on the streets b ya construction company sent motorists to a place where the streets met and the only route of escape left was blocked.

Theoretically a U-turn couldn't be made because of the one-way situation. The only perfectally legal solution would have been for drivers to pa:k and abandon their cars.

After some chaos, the frustrated motorists escaped in spite of the rules and the barricades were re-arranged.

HILLSBOROUGH AREC 6 METER NET

On December 21 The Hil borough AREC 6 Meter N which has been under the ma agement of Joe Mills Jr. K4LI for the last 2 years, was turn over to W4NQX Paul R. You as New Net Mgr.

The net has been recogniz for the specific purpose of tra fic handling and emergency u surrounding counties of Pinell Manatee, Sarasota, Pasco a Sarasota. Net meets each We nesday night at 2000 EST. N will be rotated through the me bership. Net Frequency for mee ings is (51.45 MC) as voted membership at the Jan. 4 mee ing. The frequency during eme gencies will be 50.40. Anoth of the aims of the net is great use of the higher portion of t band. This has resulted in a nu ber of stations operating in tra fic handling on 51.85, 52.50 a 53.70 MC.

SILENT CARRIERS

It is with deep regret we a nounce the following 2 Sile Carriers.

K4QLG, Bill L'Ecuyer of Sar sota passed away December 1 1960. Bill, a top traffic man ma his second home in Sarasota. was known by hundreds of tra fic men respected for his ou standing services in the traff Bill was issued the Florida Sk Award in June 1960 for his tra fic work.

KP4KD, Ev Mayer of S Juan, P.R. passed away only days after Bill on December 1 1960 after a short illness. well known DX'er, Contest m worked for the FAA in San Ju for many years. Both his so hold calls. Ev's death shot acro the country and around the wor like a rocket. KP4KD who ga thousands of QSO was also Q manager for KP4 land. He w be missed sadly by his ma Florida friends.

ANNOUNCING . . .

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AMATEURS: Write for our list of tremendous bargains in tubes, chokes, transformers, coils, meters, etc.

RAY HOLLAND

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P. O. Box 8237 Phone WEbster 5-1208

ROWARD COUNTY 6 METER NEWS

By Fran Adams K4PPX

K4BZ — Al has been handling affic messages and passing em to Floridoras at different ints. Doing FB — Al. W4KVU Jim was home on leave for e holidays.

K4RCX — Jeri and K4RCV — ll worked the VHF contest as ultiple operators. Did a FB b, too. W4HGT — Pat and K4-P — Val are back on 6 with a wer. Poor Val still hasn't been le to use his general ticket.

W4IMZ — Red and W4LRP — dele finally got their rig set up. ed put the mast right thru the of with the rotor in the atic. eighbors will think they'll see-g things when they rotate the am.

K4QYB — Norm NCS for B.E. says the C.D. has given out ore crystals. W4NUT — Geo. as away in Virginia to pick up s boat. He is now back and can heard at home QTH and also obile.

K4QQE — Arch and K4PPX — Fran had a small New Years party at their home. Present were: K4's RCX; RCV, PVT; ELC; ACF; IQS; JRQ; IWC; and their xyl's and W4LLX and his xyl.

K4SLJ — Jess now has troubles,, his rig broke down. W4KKV — Brad worked XE1OE with his mobile rig. K4ACF — Nancy and K4IQS — Chuck are busy painting their house.

K4IWC—Ralph is putting in a nice signal from W. Hwd. K4-CRU — Phil and K4JGU* Mildred says that XE1OE—Tad will be the first DX station to receive the WAC (Worked All Craigs) W4ALF — Jack can no longer be heard here in Florida as he moved QTH to N. J. W4LLX — Tom now has his beam 50 ft. Guy wires all over the place.

New comers to Broward County:

K4FQN — Al in Ft. Laud. running a Seneca. K4UVS — Jim in Ft. Laud. running a 2E26. K4-HSI — Jim also of Ft. Laud. Also a welcome to all the 6 meter visitors to Broward County.

DADE COUNTY 6 METER NEWS

First, we want to congratulate the Editor of Fla. Skip on the new and glamorous cover. We feel it's a great asset.

On Xmas Day the KP'4's were working into the Miami area real solid. On Jan. 2 and 3, a real nice band opening to start the New Year right. The 1, 2. 3, 8 and 9's were really banging in and stirring up all that QRM. The old band tried to cooperate on Jan. 7 and 8 for the VHF contest, but not too well. XE1OE — Ex-8 from Ohio, now located in Mexico City, was 5-9 plus on Jan. 4, from 1300 to 1600 hrs. Several local stations were real thrilled to make the contact.

W4HQW, Miami back on 6 with a nice signal, glad to hear you on again John. W4QGF, Gibby, moving to Albany, New York, how silly can you get. W4MBB finally worked that "7." Congratulations "A1." K4DI back from his trip thru the islands. Sorry to report that Jerry made no contacts after visiting 5 ports. His excuse was wrong voltage on board and no Hams in areas. Better luck next time Jerry.

And then there was the Ham whose XYL stopped calling him down since he moved his gear to the basement.

K3KEM/4M in town. We understand he is to be here for 2 years. K4ZNB now sporting a new beam 20 ft. long, 6 elements and what a signal. W4IIS has a parakeet that sits all day calling "CQ, CQ, W4 Ida Ida Sugar calling CQ." I wonder if there are any other CQ calling parakeets? Heard in QSO, K4ISH working K4HSI — who's confused, I'm O.K.

We would like to bat the idea around at this time, on the possibility of entering a small "Ham Float" in the next year's Orange Bowl Parade. Any ideas might be sent to the Editor for publication, what say fellows? All we need is a sponsor. That's all?

We have a terrific line noise here so guess we'll sign and shove off for the Hamfest for some eyeball QSO's.

73 Walt W4IIS

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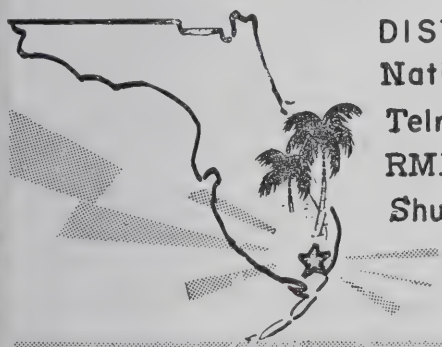

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DADE COUNTY 6 METER NEWS

BY WALT STOCK W4IIS

The 6 meter band openings in the Miami area sure are increasing. Several nice openings into 5, 8, and 9 land. HC1FC, Ecuador was in and out fast on 12-18-60 and the KP'4's were in and out real solid all day. Everyone in this area sure likes to work the boys down yonder. XE stations, Mexico heard on 12-21-60, but the signals were nothing to brag about. On 11-2760, a Tampa, Fla., station was coming through to Miami real solid with no QSB, signal 5 by 6-7. Probably heard off the back of his beam as he was working Northern DX. This silly writer forgot to record his call.

W4PXJ — Father John is in town and is heard quite often on 6. He is ex-W5DRJ and also works the other bands. Welcome to Miami, Father. Also new to 6 meters is W4WKE, Joe who was a novice 8 years ago. Recently received his Technician's and was surprised to find he had been given his old call.

K4DI from Miami is on a cruise to the islands and will be trying to make 6 meter contacts at every port of call. Good luck Jerry. K4SEF is back on the air with a real nice signal after burning up all his transformers. Welcome back Arnold. W4MBB finally got his "7" on 12-21-60 FB AL. Wonder who would listen on ten and call CQ on six? Do you know Carl, K4RKV? WA2GTO/4M was in town on vacation. K4EBO — Lucky in Bartow is using a vertical polarized beam on 6 and would like stations in Miami area interested in working a sked, using same type ant., to get in touch with him. Lucky says he is always glad to hear the writer, W4IIS, working portable from Lake Placid as the Miami boys point their beams that way and he copies quite a few Miami stations real fine. How about trying to work Bartow more often fellows, real ground wave contact.

We want to take this opportunity to express the thoughts of the D.E.N. members and thank K4HSW for a fine job as past net manager, and also to wish K4SRV the new manager the best and full cooperation of all.

Any Technician wishing to work ten meters may do so legally as follows:
6 plus 2 plus 1 minus ¼ plus ¾ equal 10.

K4CRV — Holywood and K4-ISH South Miami still putting code practice sessions on 6 and doing a right smart job.

FORT MYERS CLUB NEWS

Donna has long since departed, but the emergency bug is still with us here in South Fla. K4-GUE has been recommended for the job of EC here in Lee County to fill the shoes of outgoing W4CQZ who served for a number of years. W4KOB is still in the process of getting together his CD group into a workable communications organization. W4MWI, the club call of the FMARC, was honored with a Florida Skip Certificate for work done during Donna. Our thanks to Skip and the person(s) who named us for this honor. That Certificate looks mighty fine on the wall of any ham shack.

Quite a number of new and old faces showing up at the FMARC meetings these days. W4KLP/4 is back with us, and active on 40 meters. New members include: Bob, W3DKQ/4, George Romard, Roy, W8CL/4, is also back in town.

Local Splatter — Randy, W4-MOI got married last month. Congratulations to OM and XYL.

W4DKJ was elected President of the Florida Sidebanders. Art will serve the next 6 months, and is quite active on SSB. The net meets Sundays at 1700 on 3940 Kc., and informally on 3910 during the rest of the week.

W4KET has a new Hy Gain tri-band beam, the better to catch some rare ones.

W4PJG lost tower and beam during Donna, but Lou hopes to be back on soon from a new QTH that is being built now.

K4KPE is also building a new home, after losing his trailer during the big blow.

K4VGN is working lots of stuff on 6 meters and has a new NC-2701 rcvr. Bob and Betty also have a new Jr. Op. as of this month, and so our congratulations to them, too.

K4UNJ, W4LX, and W4BSW have been worked by the author lately on 40 fone. Glad to see you locals on 40. W4LX is looking for a ful size 20 meter 3 element beam, Telrex or equal. W4BSW has souped up his 30 watts with a good antenna and sez he will work fone as well as CW now.

Glad to hear that Meg, K4HSC is on the mend. Hope to hear W4OWX on the bands this month.

That's the crop fer now gang. A belated ARL 55 and 73 to you all.
all. Ken, W4SMK

Well, I'm tired of monitoring the band for news this month so will see you all next issue and think we will go see what the neighbors brought in.

73 WALT W4IIS

MIAMI SPRINGS RADIO CLUB

By BOB STREET, W4IET

The Miami Springs group went Hamboree Happy the other day at the Tropical Hamboree. Three $100 or more tri-band beams were won by Miami Springs hams, plus several of the smaller prizes. Vance W4FWI won the Hornet tri-bander, Andy W4-IYT won a Hy-Gain TH-3, and Ray W4GOG won the Mosley TA-36. We should have more beamed signals radiating from this neck of the woods than Collins has PTO's.

Ray W4GOG had to "work" for another prize — the champion CW man of the hamboree. When he won the high speed cw copying contest, the tape recorder was spinning 50 wpm and above. Congratulations to all the winners.

K1IVA/4 Lloyd back in town from the Northland and also on ten meters. Bill W4LZL on the air on 220mcs. A TO keyer operated by Earl W4YHW can be heard on 20cw. Herb K4GGX, Jim W4JWM and Bom W4IET are still planning on Quads. Tri-band feeding quads with a gamma match is the problem this year.

Hank W4MZL and the hidden transmitter were in the center of Miami-Springs Golf Course the other night. Unless you had a walkietalkie or a portable DF loop, you had to relay on accurate bearings taken from the car and then get out and hoof-it to finl Hank. Friday nights really get interesting and involve some times, especially when Hank hides the xmtr. C U all at the club meeting. It's still held in Miami Springs Florida on those Tuesday nites. 73 RB

FROM THE PRESS

The Miami Herald. SUNLIGHT MAY REPLACE RADIO Edwards Air Force Base, Calif.—(AP) — Future space ships may talk to each other with reflected rays of the sun instead of radio waves.

Electro — Optical Systems, Inc., of Pasadena, Calif., said Sunday it has completed tests of the desert near here indicating this method of communcation would be effective over 10 million miles in space.

Sunlight and moonlight were reflected between dish-like mirrors eight miles apart. A spokesman said the light was filtered to an intensity similar to that which would be received over great distances.

The light beam was broken up and coded to convey messages.

Project Supervisor Duane Erway said the system will replace radio transmission in many instances. He said it can be us from space vehicle to space v hicle and under certain con tions from vehicle to earth.

Erway said the system wou require no power source oth than the sun and would be vulnerable to jamming. It w built for the Air Force's Wrig Air Development Division. (E tors note: To all this Dear Ma says: "All moonlight means them is communications! Typ al, Typical.")

NEW ARRIVAL

A very cute birth announ ment arrived in Box 501 other day which read as follo "Hi! I'm the new "Jr. O they're talking about! "handle" is Traci Dianne Slo and my first "QSO" was on I cember 6, 1960 at 1027 A.M. T "OM and XYL" are Bob a Bettie, are really proud of n I weigh 7 lbs., 10 and half o and I'm 20 and a half inches t The "OM" call is K4VGN a our "Station" is at 4514 Hun Green Drive, Fort Myers, F '73' — Traci" QSL direct.

LETTER TO EDITOR

Editor: Florida Skip:

Just returned from my va tion to the West Indies aboa a motor ship. Had a swell ti visiting KV4AA, and just miss seeing Ev Meyer, KP4KD in S Juan. (Now silent key). He w out on some sort of field trip learned.

I read Florida Skip from co to cover each month and lo forward to its arrival. Have seen "The Old Timer's Cha in print for some time now a wondering if you are runni out of OT's, if so I'll send mi (Editor Pls do) As I am enjo ing 50 years of amateur ra this 1960, thought maybe t gang might like to know of t record "of one old timer a pioneer" in the business.

Through Skip I keep up wi the doin's of all my Flori friends which include W4C W4IE, K4BY, W4TY, W4A W4ZJ, W4RP, W4NQB, W4S and many others. Was shock to learn of Pat McVickar's u timely passing (W4ZB). He w formerly from Arlington, V and had made many of ur A nual Ole Timer's Nite Roun Ups in years gone by. He w one of Florida's best kno hams on 75 phone. I had be down to visit with him on last October. We will all mi good old Pat much indeed.

Please pass my regards alo to all my old friends in Flori

Fraternally you
Ed G. Raser, W2
Vice-Pres. a
DVRA Histori

FT. PIERCE RADIO CLUB

Membership in the FPRC has mped from 8 to 25 in a period 4 months. A number of our iends from Stuart and Vero each are visiting us constant- since we started up again this ll after a summer recess. They clude George, K4DBT, Ann, 4RDX, John K4NKA and his fe from Stuart. From Vero each there are Joe, W4BBE and b, K4ZWG.

The club has reorganized fol- wing the resignation of Smitty, 4CWX due to the pressure of s many other commitments. The esent officers include: Presi- nt Barry, K4OII, Vice Pres. hnny, K4ZNC, Secretary, Mar- n KN4YXX and Treasurer, Eu- , K4OEP. We might add that rry is also net manager for EPN.

The Sandy Shoes Festival, hich is about upon us again, will e ham radio in active use for mmunity service. Among the tivities planned include pacing e Cattlemen's Day Parade, the at marathon from West Palm ach to FP and back, and mes- ges sent back home to relatives d friends. By the way, we plan be aeto mobile on 6 meters hen we pace the boat marathon listen for us on 50.550.

An activity equally important t completely different is the egatta" in Jensen Beach every nth. We plan to supply com- unications between the judges ft and the speakers platform. r the month of January, Gene, 4DPQ, Earl, W4RGJ and orge, K4KGB will handle the gatta in Jensen while Barry, 4OII, Janice, K4OJD, Rollin, 4JUZ, Joan, K4JZX, John K4- NC, Wyman, K4NKO and Jes- , W4GKU, George and Ann, 4RDX enjoy themselves at the e and only Hamboree in Miami.

We should mention some of the wer hams in the Indian River ea. Let's start off with Marion, N4YXX, who is a school teach- , and her SWL other half Vic o is writing this column. Any- e want to try and make up me cute phometics for her ll? Next is KN4CNN, John, re in Ft. Pierce who is on th an Eico 770 and SX-110. y Lee, K4MAW, graduated om the ranks of novice and is w a conditional along with his other Raye, K4WNV. Another w conditional is Dod Orr, K4- N who has been heard working with a Vailant.

Our six meter population is owing as Wyman, K4NKO and ene, K4DPQ are both on 6 with 7 watts with a Lincoln Transceiver. John, K4ZNC and Rollin, K4JZU have been on 6 with Heathkit Sixers. At the present time, George, K4DBT has the Club's Sixer and is going to try to set up an inter-county emergency network on 6.

VIC

DISTINGUISHED VISITORS

9K2AM visited Vee Mayree, K-4ICA, January 8th and a few of the S.M.RC gang — K4ZDQ, K-4YCW, K4YWZ, W4ELR — dropped by to say hello. Momammad and his brother Rese are from Kuwait, Arabia, and are a couple of swell fellows.

The Tallmans entertained the boys royally incluring a trip to the fabulous Seaquarium. It was a high point in their Miami visit. The Behbehanis will reach home in mid February via the Pacific and the Far East. Look for them from 14:00 to 16:00 EST on 15 and 20 metrs ssb.

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ST. PETERSBURG AMATEUR RADIO CLUB

W4GEX — Bob and XYL — Carol held an open house, December 30th, for members and friends of SPARC, in honor of their Son — W4KCG — Dick who has been elected Secty.-Treas. of the Club for 1961. Those attending were: W4FRN — Joe Barkiewicz; W4JE — Joe Zuchelli and XYL — Ann; W4-LTE — Wayne; W4WPF — Marvin; W1MRG/4 — Burt and XYL — Dot; W4UFR — Earl; W4-UFR — Earl; W4WPD — Shirley.... K1KST — Fred and XYL — Doris; K4BJ — Larry and XYL — Fran; W4MCT — "Reds" Davis; W4PT — Doc and XYL — Marion; KN4YQT — David; KN4WPS — Danny; K4YKC — Roland; K4YKD — Mary; W4P-WB — Walt; K4CSC — Edna; W4BAV — Cathy; Jack Stiles and Mary Cameron. Soft candleligt lent additional charm to the attractive decorations. The whole house from kitchen to ham shack was kept "a-buzzin" with ham talk and general "yack-yack" of XYL's. Many thanks to the Norloffs for a very pleasant evening.

SPARC held their Installation Dinner, Friday, January 6th, at the Kapoc Tree Inn, near Clearwater. 60 attended and enjoyed the delicious food served. W4HUY — Smitty did the usual fine job of installing W4JE — Joe Zuchelli, as President; W4FRN — Joe Barkiewicz, Vice - President and K4KCG — Dick Norloff, Secty.-Treas. The Directors for the year are: W4RUR — Ed; KN4YQT — David; K4USK — Jim; W4LTE — Wayne (Past President) and W4WPF — Marvin, Trustee.

W4TZW — Thor and XYL — Grace received an unusual Xmas gift — daughter, Karen, presented them with a granddaughter, Celeste Kim Carter, the week before Xmas. Congratulations to Grandma anl Grandpa.

W4BAV — Cathy entertained an old friend and schoolmate, Mary Cameron, from Philadelphia, Pa., during Xmas week. Needless to say, Mary got a taste of ham radio and a "kick" out of talking to the 6-meter gang.

Congratulations to Madeline Hutchins, who has received her call — KN4NSY. Madeline worked steadily and hard, assisted by W4RUR—Ed and obtained her Novice license in a very short period of time. She is now forging ahead on the General Class License.

Sorry to learn K4EAC — Hilda fell and broke a bone in her foot. She was "laid up" for sometime, getting around home on a walker, but is now coming along in fine shape. Good luck, Hilda, and take care.

K3LFZ — Esther (ex-W4LGJ), advises she has completed her DX-40, which checked out with flying colors the first time. Just when the boys were planning to have her antenna raising, the snows came. Keep your ears open on 10 meters for Esther, as they may get the antenna up any time and she will then be in business..

W4LOX — Estelle, who has had her license a little over a year, has her WAS certificate. Congratulations, Estelle, a fine job done.

Hope you all have a Happy, Prosperous New Year with lots of good hamming.

73 CATHY, W4BAV

ALMOST KILLED

W4GXX, Al Charland of St. Petersburg had a very narrow escape from death December 29, when he repaired his antenna and in attempting to raise it, the unwieldy antenna got off balance and contacted a 7,200 volt primary voltage line of the power company.

Al was badly burned and the quick action of his XYL, in rendering mouth-to-mouth resuscitotion, probably saved his life. We are glad to report that, although still in the hospital, Al is coming along all OK.

Cathy, W4BAV

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A SIX METER VERTICAL BEAM

by Roy Scott, W4UHF

Two of the "six meter gang" in the West Coast area, Paul Young, W4NQX, Tampa, and "Lucky" K4EBO, of Bartow, have been carrying on some highly successful six meter work with a VERTICAL beam. This is a four element affair, easily constructed, low in cost, and with results reported to be highly worth the effort and cost of building this dandy little beam.

The elements are spaced 35 inches apart, and the overall dimensions o fthe elements are: reflector, 114 inches; driven element (gamma matched) 109 inches; 1st director 104 inches; and second director 102 inches. Half-inch aluminum tubing was used fo rall the elements.

The boom can be of light weight inch tubing. Ordinary TV hardware for antennas was used as follows: four "V" type clamps, 3 inches long and 1¼ inches wide. Obtain 8 — 6-32x1" bolts with nuts and lock-washers which will be used to fasten the elements to these "V" clamps through the other two holes already drilled in each o fthese clamps —no drilling is necessary in the clamps.

Cut 8 one-half inch pieces of the aluminum tubing to be used as spacers between the reements an dthe peak of the "V" on the top side of each clamp. Drill holes through each element at the points that will coincide with the other sets of holes in the clamps, place the spacers cut previously between the elements and the clamp and bolt in place with the 6-32x1" bolts. The longer bolts that come with the clamps are then used to fasten the clamp (both "V's" top and bottom) to the boom.

The "Gamma Match" is constructed by taking an 8 inch length o fthe same half-inch tubing as was used for the elements, and flattening one end. Drill a hole through this end and fasten to a 3inch piece of plastic which is fastened to the boom with a small bracket. At the open end of this piece of tubing insert a piece of RG8 co-ax (about 14 inches long) for a distance of 6 inches which will leave about one inch space between the flattened end of the tubing and the inserted coax.

This co-ax should be inserted with its normal outer insulation left on it. From the point where the flattened end of the tubing is fastened to the piece of plastic, measure off 14 inches and cut the co-ax at that point. Strip off the outer covering of the co-ax for about one inch leaving the shield exposed.

Make or obtain a clamp about 3 inches long which will then be clamped to the exposed inch of shield and fasten the other end of the clamp to the driven element. The center conductor of the co-ax feeder line is attached to the flattened portion of the tubing through the bolt and nut holding he plastic an dthe other shield of the feeder co-ax is fastenedto the boom.

If the beam is constructed with the above dimensions it should provide a good match for the RG8 feeder line. Further adjustment, if desired, can be made by sliding the co-ax in the short tubing in or out. It is a snug fit and will remain in position as held by the clamp that fastens to the shield of the co-ax in the short tubing and the driven element.

The beam should be mounted in a VERTICAL position on the mast, and off-set between 1 foot and ¼ wave length away from the mast. It is light enough to be used with an ordinary TV rotator. Any other 6 meter beam can be mounted in a vertical position in like manner and result in less QSB on DX and longer ground wave according to users.

For any further information on this beam, write to Paul Young, W4NQX, who is a member of HARS (Hillsborough Amateur Radio Society, Inc.).

VHF CONTEST ENDS

December 31 brings us to the years end. It also brings us to the end of the Florida Skip meter WAS contest.

As announced many times during 1960, the Florida Skip member who can produce the highest number of 6 meter contacts will receive a beautiful engraved trophy or plaque. (Youse gets you pick.)

Thedeadline for all cards to be in Box 501, Miami Springs is February 28, 1961. This should allow enough time for those new states worked in late December. The winner will be announced in the March issue. We also hope to feature the winner on the front page with a picture.

We have had several 6 meter men say they didn't hear about the contest until late in the year and they feel they didn't have a chance to win, and would be interested in a contest in 1961. If you VHF'ers are in favor of an other 6 meter WAS contest please drop a line. Get your cards in before February 28th. All cards will be returned to you.

AC

6 METER SSB

BY

PAT FERRO W4WAQ

Since the new regulation has ne into effect restricting the 1) Kc. to AI emission, the Mi-i Sideband stations have been rking within the first 15 Kc.'s, m 50.100 to 50.115 Mc. Miami leband stations can be heard htly in this frequency range, stly running low power at the sent.

Within the next month K4OCK uld be going to the legal limit power and W4LIP, who has en temporarily using only P & Converter, will likewise be up full power. W4WAQ has been Sideband while trading Side-nd Exiciters, but should be on hin the next month with a v Johnson Invader Sideband citer, and will also be running ull gallon to a Johnson 6&2 nderbolt.

V4BLW has increased his Side-nd power in excess of 100 tts and has been doing a good on DX Sideband contacts.

he new Tecraft Sidewinder, ich is expected to reach the rket sometime in late January, he first complete 6 Meter Side-nd transmitter, and from our cussion with the Tecraft peo-, the response to this 6 Meter eband transmitter has been in excess of their expecta-ns. However, due to commit-nts on other equipment, de-ry date of December was de-ed and fell that these Side-nders will reach the market netime in January. I am sure are all anxious to hear what of these 6 Meter Sideband nsmitters sound like, and un-ubtedly we shall be talking h some of the boys on DX nings, and will make reports any information that we can her from the QSO's.

While waiting for the new nson Invader Sidebander Ex-r, W4WAQ is using the Globe Bander with a Globe VFO. Af-clearing up initial problems h the Hi-Bander, such as lering tube conections that e passed up in the production the transmitter, it was finally in good operation (TNX to SPN). The single 6146 in the Bander does a very nice job both 6N2 Meters and reports e been most gratifying as to lity and signal strength.

he most remarkable think we e expressed is the globe O, which from a cold start fted 1.2 Kc. in the first 8 utes, and from there on held arkably stable for an out-board type VFO. Of the numerous VFO's used for 6N2 Meters, the Globe VFO, by far, is one of the most stable used at this station. The VFO is stable enough to be used for a Sideband VFO, or for copying Sideband stations with a receiver that is not equipped for copying Side-band, and must resort to the use of the BFO or the VFO.

The other night the band was open to KP4 land and enjoyed a 20 minute QSO with KP4AVB, running a Heath HW-29A, which is an improved version of their 6 Meter transceiver. For a trans-ceiver selling for under $50.00, with an imput of about 3.2 Watts, an output of slightly over 1 Watt, the contact was most surprising, especially since the contact last-ed for about 20 minutes. Of course, one of the factors which helped the I Watt tremendously, was the 11 Element Tel-rex Spi-ralray beam, which was used at both QTH's. In a previous article some of the features of the 11 Element Tel-rex Spiralray beam were pointed out and should like to mention once again that a Spiralray type beam has many advantages, aside from not being subjected to fading as a straight beam, but also does an excellent job in copying all types of polari-zation, whether it be vertical, dia-gonal, horizontal or circular. All of these types of antennas have been worked at this QTH and could be heard at any direction in which the beam was pointed.

In the Christmas Eve band opening, a number of Sideband stations were worked by W4BLW and from the increasing number of Sideband stations in other parts of the country, it is felt that when band conditions become more reliable there will be a ter-rific increase of single Sideband stations, not only in this country, but also in some of the Central and South American countries. Most f tohe 8 Sideband stations in Miami will be running high power on single Sideband and in-formation from other stations have indicated there will also be a number of Sideband stations throughout the State. So, we look forward to a more active single Sideband season in the very near future.

Of historical interest, we should like to mention that in the Miami area, there are 8 ac-tive Sideband stations on 6 Me-ters. Stations that have operated 2 Meter Single Sideband have been W4LIP, K4IFE, and W4S-AQ. In the 220 Mc. region, W4LIP and K4IFE, and in the 420 Mc band, W4LIP.

SOUTH MIAMI RADIO CLUB

SMRC held its annual election of officers January 6th. The win-ners: Richard Levin, K4JJQ, Pres.; Dean Cross, K4SPN, V. Pres.; Virgil Salisbury, K4VSC, Sec.; John Webb, W4NE, Treas.; Frank Ireland, K4UUO, Station Engr.

John Porter read a letter nom-inating Frank Ireland for the Edison Award for 1961. As you know, Frank did a mammouth job handling messages for the isolated Keys personnel during and after hurricane Donna. We surely hope Frank gets the award.

Joe, K4ZDQ, put shoes on his HT32, running four 811's in para-llel for a solid punch to the out-side world. Listen to some of the crazy phone patches he runs like the big cheese deal between Eve-lyn and the butter and egg man from Wisconsin. What some folks won't do to put over a hamfest! Congratulations, Evelyn, for a job well done.

Ray, K4EHQ, has been old faithful at K4JVA on Monday night sessions of DEN. "Pappy" likes to operate the B&W 5100 even without the T-R foot switch. And the 75-A3 calibrates so easily.

Dick and Joe Caplano are still on the night shift and we under-stand they are cleaning up! Hope they make a pile soon and get back on the day shift so we will see them more often. We have entirely too many night hawks. Dick K4KEG, Joe K4VFW, Lloyd K4YSG, Harry K4TWX, Bob K4-LRE and Virg K4VSC. If it gets any worse it may be necessary to have every other meeting in the day time.

Refreshment concession at the meetings is open for bids. Al, W4-ELR has had it since last June and has made enough to last him for the rest of 1961.

Anyone seen Mark Albury, W4-SJZ, lately? Wonder if he got covered up by the Palmetto By-pass. It goes mighty close to his QTH.

All you'ns who like to visit, come see us. We meet the first and third Fridays at 2000 at the C-D Center, Miller and Galloway Roads. Always got eats.

73 W4ELR

NOTICE — FCC CHANGE

The Federal Communications Commission has revised the var-ious application forms relating to amateur licenses and they will be available for use commencing shortly after the first of the year. A revised Form 610 will be used for new and modified licen-ses, as now, and also for renewal, replacing the three-part Form 405-A which has been a headache for all concerned. A new Form 610-A will be used for new, modi-fied and renewal applications in specific cases of (1) amateur stations for recreation under mili-tary auspices (replacing present Form 602), (2) club station li-censes, and (3) "second station" licenses of individual amateurs.

Aplication for renewal on the revised Form 610 must be submit-ted within the final 60 days of the license term, instead of the present 120 days applying to Form 405-A. The one-year per-iod of grace in applying for re-newal remains in effect, as at present.

The old forms and procedures may be used until June 30, 1961, but when the new ones are avail-able it is to the amateur's ad-vantage to use them, especially for renewals.

(W1BUD - Newsletter)

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SOUTH MIAMI RADIO CLUB

A recent election of 1961 officers for MSRC (L4JVA) turned up the following: Pres. P. S. Levin, K4JJQ; Vice Pres. Dean H. Cross, K4SPN; Tres. John H. Webb, W4NE; Station Engr. Frank Ireland, K4UUO.

These fine amateurs will guide the club for the next year and have big plans. Watch this column for more details next month.

BROWARD COUNTY 6 METER NEWS

by Fran Adams

It was old times again on 6 meters when the band opened into 8, 9 and 5 — lands. With the contest on we may get more openings. Join in on the fun. Read the contest rules in CQ.

K4HIL — Herman was one of the lucky ones to make a new country KV7AA. I think he was the first and only one to work him. Lucky. K4ZYA—Gene is enjoying 6 meters and enjoyed meeting a lot of hams at his first dinner he attended.

Speaking o fthe 6 meter dinner K4CRU—Phil and K4LVZ—Jerry were host to a very nice dinner at TopHat in Hwd. 83 hams and xyl's were there. A auction was held an deveryone had fun bidding on things, even i fthey didn't know what they were for. Hi

W4KVU — Jim is away in California with the Navy. Hope to hear from you, Jim. W4HGT — Pat and K4QJP — Val may soon be on again heard a rumor they are getting a tower.

W4IMZ — Red and W4LPR — Adele are back on again. K4BZ—Al has been a great help to "Ham" in passing messages thru 6 meters. K4PPX — Fran and K4QQE—Arch lost their beam during that wind storm we had. It's back up only 3 0ft.

With Xmas coming soon both K4QYB—Norm and K4RCV — Bill has been operating from their stores. W4CZP — Clarence is Asst. net control for the BEN.

NEW COMERS TO 6: K4UVS —Jim running a 2E26; K4FQN — Al running a Seneca; K4ELC — Martin and K4PVT — LaVelie in Hwd. running a 2E26 also K4HSI all new to 6.

K4IWC — Ralph is operating from new Qth in W. Hwd.

Our sympathies to W4ALF — Jack who lost his mother and also to his wife who also lost her mother. We are sorry to hear of both losses.

We on 6 meters was very sorry to hear about the loss of W4AKH — John in Ft. Pierce. He was well liked and will be missed by all.

FLORIDA SKIP AWARD

Here is another list of lucky amateurs who have been issued our FLORIDA SKIP AWARD for meritorius service. For details write one of your nominating committee listed on pake two. This months' lucky winners are:

47. W4BCZ	54. W4KGJ
48. K4SDC	55. W4DTV
49. K4RYL	56. K4SQI
50. W4GAN	57. W4QDZ
51. K4SLG	58. W4UHF
52. W4OVO	59. K4GJJ
53. K4PVU	60. W4ZIR

FLORIDA SIDEBANDERS

Elections held on 11 December resulted in the following winners: W4DKJ, Art, President; W4GJI, Tip, Vice President and Treasurer; W4RML, Cliff, Secretary. Congratulations to these new officers and may their term of office for the next six months be plesant and fruitful.

New calls heard on 3940: W4-BU, WOFKW/4, W4WHF, W4N-Y.

Ole Cliff, W4RML sure has a fine sounding "bone crusher" on the air in the form of a new 4-1000-A final linear.

At recent Florida Sidebander meetings the following rules have been enacted:

1. Associate members failing to call in for regular roll call for three consecutive weeks will be dropped from roll call.

2. Reguar members failing to call in for regular roll call for ten consecutive weeks will be dropped from roll call.

3. Re-instatement at the botom of the roll call may be obtained simply by calling in on regular roll call at any Sunday meeting.

4. Members of the Sidebanders atending any bona-fide ARRL sanitive or hamfest may be counted present at the reguar Sunday meeting by notifying the designated Sidebander representative at the Hamfest of his presence.

The Secretary has been directed to produce a roster of members. This is forthcoming.

The Florida Emergency Sideband Net — FESN (3940KCS-1930 Hours Wednesday) W4OVE Net Manager needs NCS and members. Under the new all Florida Emergency Plan we have definite responsibilities and SSB stations are urged to participate in this net.

3940KCS now official Florida SSB frequency — leaving 3910 to the AM boys again.

Well that's the output of my balanced modulators for this month. See you on 3940 at 1700 hours Sundays.

BELIEVE IN MIRACLES?

Dr. Hans Selye, Director of the Institute of Experimental Medicine, University of Montreal, Dr. Gerald Gordon, Chief Psychiatrist to E. I. duPont deNemours & Company, and scientists of the George Washington University with the cooperation of the U.S. Army, after lengthy study have discovered three factors which contribute to a really remarkable "physical miracle." They are as follows:

1. STRONG MOTIVE: You are in the grip of love, rage, fear, or some other primitive emotion.

2. PIN - POINT CONCENTRATION: What you are doing suddenly seems so important that all other thoughts are swept from your mind.

3. LACK OF INHIBITION: What you are doing seems perfectly possible. If you stop to think about whether you can or should act, the miracles will not occur.

Radio, Television, and Electronics as we know it today, would not be possible without these motives. Ham Radio, to a lesser degree, certainly proves this point every day.

We of FLORIDA SKIP, would like to feel in our own little humble way, that surely, without all three of these motives, practiced to the fullest degree, in concentrated team-work with our correspondents and advertisers, could we possibly give the Amateurs of All Florida this means of communication?

Many who have tried and failed, have asked us, "How do you do it?" It is really no secret miracle. Just count "One, Two, Three" and remember what they stand for. You, as subscribers and members of our organization have seen the light and have spurred us on.

We count again, "One, Two, Three;" can this miracle really work? Can we convince every dyed-in-the-wool, red blooded Florida Ham to look for the light, step forward, and say, "Count Me," "I want to be a member of FLORIDA SKIP." Yes, we do believe in miracles, we are counting on YOU!

The Staff of Florida Skip

HAM QUOTES

Do you have a pet saying? If so, send it along. Here are a couple just received.

1. "Why be difficult, when, with a little effort ,you could be impossible." W4ZD . . .

2. "Judge a man not by his face, but by his heart." K4LCF . . .

3. "A road i snot too wide that one can not cross it for a friend." W4IYT . . .

BOOK REVIEW

"Building Up Your Ham Shack

"Building Up Your Ha Shack," by Howard S. Pyle, W OE, is a book that will be as us ful to the veteran radio amate as it will to the novice ham. provides all pertinent data what equipment is needed to pla a station on the air, and it tel how to choose equipment so t station can be upgraded at minimum of expense.

Receivers and transmitters a fully discussed in seperate cha ters, and wide leeway is provide the reader, including factory built types, used equipment, kit military surplus gear, and hom made units. The chapter on r diating systems introduces t reader to all types of ham ante nas, including dipoles, "all-band units, "restricted - space" ante nas, etc.

Miscellaneous equipment use by the ham is comprehensivel covered in discussions on such a cessories as speakers, headphone telegraph keys, crystals, clock antenna switches, microphone CONELRAD receivers, etc.

The reader is shown how be to arrange his station, how t most effectively position h equipment, power and light r quirements, etc. And, one cha ter on the Ham Workshop d scribes several layouts, inclu ing one that fits into a close for those who are cramped f space.

A final chapter on preparin for advancement tells of the r quirements needed for variou ham licenses, and provides dat on FCC examinations.

Three appendices include infor mation on amateur radio band the amateur's code, CONELRA and the "C" and "E" frequen cies.

"Building Up Your Ha Shack," Catalog No. NHP-1.
128 pages
List Price: $2.50
Howard W. Sams & Co., Inc
2201 East 46th Street Indianap lis 6, Ind.

CO2UG ex CO3RC

Ramon Cantarrana has had to leave his country after having all his properties confiscated by the government. He is looking for any kind of work except heavy lifting and radio repairs. If you have anything please contact him at 2009 S. W. 8th Street, Miami 35, Fla. Phone number FR 4-3644.

FLAMINGO NET NEWS

Walt Dixon W4DWN

Well, did you all enjoy the opical Hamboree? Quite a few the Flamingo Net members re seen there really enjoying emselves. We want to congratu- e the Dade Radio Club for tting on a really fine affair. e prizes were outstanding and merous, as were the many oths containing choice items ham gear. I know everyone is king forward to next year's ent with pleasure.

Have you all noticed how ole h meters is starting to be open s and less these days? If you e looking around for a QSO ten how about checking up at 044 mc, there is usually two more members of the Net chewing on that frequency. e have what we call the "Rag- ewers Section" of the Flamingo t that meets at 29.044 mc every ening around 9 to 9:30 p.m., so you would like to chew the rag a while give a call, be glad have you.

Walt—W4GJ was telling about troubles in handling the ristmas Day phone patching the children at the Cardiac spital. Seems he had to write ters to all the children's par- ts telling them about the pro- t and asked them to locate am nearby who could help get contact into Miami for them. alt was kinda put out by one man who wrote back and said at she had found just the place, t did not say where or give y other information. So Walt d she must of found a tele- one booth, or hollow log, or nething and she might be still iting for the call. This Ham dio is pretty hard to explain times.

K4PSB — Jake just received General and checked in with on 10 meters for the first e. He had been checking into e 2 meter Flamingo Net. Jake s that Santa Claus brought n a Heath TX-1 Apache trans- tter for Christmas. So now he putting it together and will be on on the air with it.

K4VGM — John is taking over t Control on the 2 meter sec- n of the Flamingo Net. Good k to you John!

K4CYF — Dora got a Stereo- FI set for Christmas, so if u don't hear her on yaking you ll know why.

W4FBS — Dick got himself a del 15 page printer teletype- iter and is planning to get on e ham bands using teletype.

K4DJW — Moe has finished ving to his new QTH. He re- ports that he has NOT gone SSB after all. Was just trying it out. You had us scared for a while Moe.

W4OLV — Bill checked into the Net the other nite with his new home-brew rig. It really sounds fine Bill! Bill works at the WG- BS transmitter site in between hamming.

K4YSS — Paul is another one of our 2 meter boys that got his General recently and now checks into the ten meter Net regularily. Paul reports that he worked his first ZL in New Zealand the other evening on 10 phone. Good going Paul!

I guess this winds it up for now. If you alls get tired of working DX, working phone patches, fighting QRM how's about tuning the ole receiver and transmitter up on 10 meters, especially 29.044 mc and get into a ragchew and enjoy life for a spell. Hi' Better yet check into the Net on Frilay evenings and meet the gang. BCNU SN 73

Walt/W4DWN

SAILFISHER

Through the generosity of the West Palm Beach Radio Club president Joe Field, W4ACO in donating WIRK's clerical staff, printing and mailing facilities, the "Sailfisher" begins its third year with Joe as Publisher. Bob (W4GWF) and Ellie (W4CIL) Hope are the editors. Bob is also ARRL EC for Palm Beach County and building up AREC activity within the county.

The third Wednesday of each month will be a social meeting at members shack. The first social meeting was held at Ken Farwell's shack. Everyone enjoyed seeing K4BZS's antenna farm and shack on Oxford Street north of Four Points.

Don't forget WPBRC (W4-HAW) meets the first Wednesday at Bldg. S-1134, P.B.A.F.B. at 2000 EST. (01OOZ) Come and see the new equipment installed at the Club rooms

Following "new business" on the agenda, at the fine suggestion of Dick KN4AUD, the meeting will be open for a trouble-shooting clinic where individual technical problems can receive the combined knowledge and experience of the membership for possible solution. This should aid the novice and SWL, and be a source of lively discussions for the old-timers, as well.

All PB amateurs are reminded if you have line noise to contact Mr. Feeney, F. P. and L. Co. at OV3-3949. They are doing a fine job, but can't help if you don't let them know your troubles.

All news for the SAILFISHER should be mailed to address above or call the editors at OV3-0881. We have many fine programs planned for the coming year so — join the fun.

73 Bob and Ellie Hope

W4GWF/CIL

HURRICANE DONNA IN PICTURES

Ye Editor and wife, Betty, made a trip to Key West last month to attend a Club meeting of the Key West Amateur Radio Club (W4LLO). On the way back we stopped off at Islamorada for lunch. While there we picked up a copy of "Hurricane Donna in the Florida Keys" ($1.25 postpaid). The book tells a complete story in words and dozens of excellent pictures of what happened after Donna passed through the Islands.

It is unbeleivable to describe the damage caused. We made several stops along U.S. 1 while passing through Islamorada, Tavernier, Long Key and Marathon taking many pictures in color of the damage. These color 35 MM slides will be used in future club trips.

I would like to strongly recommend to any amateur wishing to "see Hurrican Donna's wake of destruction send for the above book to: Charles H. Deal, The Keynoter, Marathon, Florida. You won't be sorry you did.

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HC—10 conv.	VALIANT	NC—303	ELMAC AF-68
HQ—170	RANGER	NC—400	GONSET GSB-100
HQ—180	10m Trans-cvr	HRO—60T	GONSET GSB-101
	6N2 Converter	VFO—62	

MOSTLY DX AND STUFF

Well folks, we had a banquet down here in little ole Miami, as Gus Browning would say. — And we had a Gul Dern Humdinger of a good un. Thanks to Gus, W4-BPD of DX fame, we had an after dinner lecture tour of his around the world DX'en travels complete with color slides, which were so spiked with good ole cracker-barrel humor that he kept us in stitches for over three hours.

We had already had a full day of Tropical Hamboree and just getting a little bored with winning all those Hy-Gain, Mosley, Hornet and Telrex Beams. Most of were pretty tired and planned on leaving early. But — we didn't know Gus!

Gus started out kinda casual like, never did get it into second gear, we followed him every step of the way, around the world, arguing with the customs officers in Rome, putting up antennas where they weren't wanted, crossing into Egypt and it seemed a hundred other places. When Gus, stopped to tie his shoe laces, we stopped also.

Gus was gone all summer and returned December 23 on what he calls a "Vagabond Trip." If thats a "trip" I'm a jet to the moon! Can't remember all those calls he borrowed from all those countries he visited, but would guess that "9A" was probably the most unusal and most talked about around the world.

Well it's over now, Gus gave us a good report. This guy with 301 countries surely knows what the DX men dream of. You-all couldn't have known what was in store, fer you-all didn't show up fer the banquet. The place was packed as it was, so guess it was a good thing. I'm sure sorry you missed it though, if'en ya did. And Gus, ole boy, we want you to come back, Da Ya Here? And Hey Gus! Forgot to tell you, I won a Telrex Beam at the Tropical Hamboree.

NOTICE ALL EMERGENCY COORDINATORS

You recently received from George Hart, W1NJM, NEC for ARRL a letter dated January 5, 1961. Please fill out your Annual EC report cards, as George requested, and send one to him, one to your SEC and save one for your file.

Take advantage of the free offer of the five new AREC decals with receipt of your report. Display the new AREC decal proudly — it's a beauty. Let's put Florila high on national standings again this year.

CD RESULTS UP

Results of the last ARRL Communications Department (CD) Party just released by Communication Manager, W1BDI, Ed Handy shows the following:

E. Fla. W4DQS (cw) — 186,-165; K4RAD — 159,705; W4RUO — 103,840; K4JLD — 56,100; K4LDR/4 — 54,860; K4EHY — 37,840; K4KDN — 35,420; K4IXG — 34,980; W4UHC — 13,140; K4IXG(phone) — 11,850.

W. Fla. W4MLE (cw) — 117,-705; W4HQN — 90,600; K4UBR — 35,525; W4WKQ — 20,200; K4-UBR(phone) — 24,860.

W4DQS placed 4th in nation on c.w. while K4UBR took 4th on phone. That's a mighty good showing for Florida. See page 2 for SCM address for more details on ARRL appointments and CD Parties.

HIALEAH ARC

Election of officers for 1961 was a little unusual at the January 2 meeting. Nominated for President were Dick, K4YXC, John. K4ZSY, and Red, K4GPJ. Nominated for Vice President were Smitty, W4HZG and John, K4ZSY. Nominated for Secretary and Treasurer were Jack, K4V-GG and Red K4GRJ. Vote was taken first for Secretary-Treasurer and K4GPJ was re-elected for another year. This eliminated one nominee for President. Next John, K4ZSY was elected Vice President and the other nominee for President was eliminated, and then Dick, K4YXC having no competition was unanimous in being elected President.

It seems that there might have been some pre-election closed door planning to have accomplished this. The Secretary was due a rest this year and the old timers like W4HXG, Smitty, Al K4AHW, Wheel W4DYZ, Micky W4AYJ, Don W4RYG, all managed to pass up offices for another year.

Outgoing President Al Ernst, K4UGA, thanked the members for the fine support during the year. After the meeting there was sandwiches, coffee, and soft drinks on the house.

Chauncey, K4DZP did a fine job handling projects last year. Several two meter converters were built. Many educational films were shown and for field day we placed third in Florida in the two transmitter class. This year we are planning bigger and better projects.

CD is still short handed and anyone who is free Monday evenings will be welcome at the station, Hialeah Auditorium, rear door.

73 Red K4GPJ

I WAS SURPRISED

By Herb, K4LCF, PAM 75 mtrs.

Being a "band snooper" by natural instincts, I overheard something the other day which really surprised me. Two stations who wanted to make "BPL" trying to get there by means they should be ashamed. There is no greater honor than to make "BPL," but legally!

These two stations were "swapping" traffic back and fourth in message form and all of it was things which ordinarilly would be heard in any informal conversation. EXAMPLE, in message form with this text "your signal is good how is mine" signed, etc. Fellows, hang your head in shame!

Another thing overheard, was four stations in a round table, two of which held "A-1" operator certificates. This one station I have in mind admitted that he never could copy a "lick" of code but two of his four buddies assured him that they would make a recommendation for "A-1" membership. Could it be that a "A-1" operators certificate is nothing more than a "hunk" of papre to decorate the wall? NO fellows, it is a certificate which should be earned and hung on the wall and viewed with a great deal of pride . . . AGAIN, the guilty ones hang your head in shame.

"MORAL OF THE STORY"

THINK BEFORE YOU PUT YOUR MOUTH IN GEAR . . . You never know who is monitoring the frequency. Could just as easily have been a FCC monitoring station instead of just plain Herb, PAM 75.

FROM THE SEC'S

For the past two months, the SEC's of Eastern and Western Florida have been working on plans to improve our statewide Amateur Radio Emergency Corps (AREC) communications networks. Several tentative plans were mailed to key amateurs throughout the state for suggestions. Much discussion was had on the Florida Emergency Phone Net drills. Many letters were written, and we now feel the plan is complete. This plan will be published in Florida Skip for your information. Please, I say again, PLEASE read it over carefully, cut it out and save it. Put it in your log, under your operating glass, frame it, but don't throw it away. This plan will be used if we ever get another hurricane, or major disaster. Heaven knows we had mass confusion (at times) during Donna last year, but we assure you, if you know the plan, and follow it, we'll never go through that again!

We have a listing of "priorities" which will be used during any disaster. Pick out the proper priority for your message and put the number directly behind your call in the preamble. When calling into the net, list your traffic to the NCS as follows: "K40II this is W4IWM priority 2 for Orlando," or W4DDW this is K4-EHY priority 3 for Miami and priority 7 Jacksonville." On c.w use "K4UBR de K4KDN P 2 TPA" or W4ATA de W4SDR two p 3 Jax es P 5 Mia." The NCS will be guided accordingly.

Once again, stuly the plan talk it up on the air, at the club meetings, have others write in for copies. Florida Skip is footing the bill on printing and mailing of the plan anl we'll have hundreds to give away. It is our desire to have a copy in every shack in Florida for future guidance.

Remember, during all weekly drills and small disasters FEPN-East will operate on 3910kc and/or 7295 kc while FEPN-West will operate on 3836 kc. Thank you.

W4MLE, SEC W. FLA and
W4IYT SEC E. FLA.

NEW CERTIFICATE ANNOUNCEMENT

A new certificate issued by the Miami Springs Radio Club (K4-OSQ), 201 Westward Dr., will be of interest to the wall paper collectors. Called W A M S Worked All Miami Springs, the certificate is an attractive three color work of art by Lois W4ZXK and Herb K4GGX.

To receive this fine award, local Dade county amateurs must contact TEN (club members or non-club members) Miami Springs amateurs on any band and any mode. All bands (80 to 220 mcs) and all modes (phone cw-ssb-RTTY-except TV and FAX) are represented.

Other than Dade county, state side amateurs must contact FIVE Miami Springs hams. Outside the U.S. must have THREE contacts, and out of this world ONE contact. Thats a special award Mabel.

A clue — numerous MSRC members check into the local Dade Emergency Net at 29.65 mcs on Monday evenings. Another local meeting spot lately has been 28.65 mcs. Good luck!

LETTER TO EDITOR

ear Editor:

I have read with interest com-ents by our good friend Howard Pyle. Mr. Pyle has very good asons for complaining about e terrific "hog wash" interfer-ce, not only in the 40 meter nd, but of late they are infest-g the 20 meter band in a like anner. Something must be done d done quickly; at the rate e 'lids" are taking over the nds it won't be long until all e old timers, and consilerate nateurs, doing something very sperate.

While I have not been in the nateur game quite as long a me, or probably as consistent-tly, I feel that I belong among e old timers, and those that ve a little respect for others.

At the present time I do most my operating on the 20 and 40 eter bands, working DX as my ajor ambition, and believe ousands will agree with me that en with a modern receiver it is solutely impossible to have a cent QSO with our foreign iends due to terrific QRM from ese "lids" and their meaning-ss blabber.

Judging from the sounds eman-ing from some of these out-ts, the owners do not have any interest in how their signals sound — just how much interference they can create.

Self-excited rigs, improperly adjusted electron-coupled oscillators, yoops, gurgling sounds, raw a.c. notes, and even crystal controlled signals covering 25 kilocycles, with key thumps and R9 key clicks all over the band are my pet peeves.

It is my personal opinion not all of these sounds come from class B (General) or C (Conditional) amateurs; they come from all classes. What we need is more Government monitoring stations, a probation period of at least one year (in a small portion of the 160 and 80 meter bands for the newcomers), and no license to be isued to those under eighteen years of age. The age limit would prevent countless numbers who come on for a year or so, and give it up as a bad job.

An amateur should be judged by the signal he puts out and his ability as an operator, not by the class of license he holds. Strict requirements as to the type of apparatus that may be used should be set up, and before an amateur is allowed to leave the probation period he should be required to complete an extensive questionnaire, showing just what apparatus he has available, and how he intends to use it, with all details. In fact what we need is district or state radio inspectors to make personal inspections (a costly job, but something must be done).

H. E. Holmberg W9UBB

Oh yes, before we forget, the following appeared in the April 1937 issue of "Radio" magazine, in the days when there were only about 4,000 licensed amateurs, and a long way from the approximately 225,000 who have tickets today. If Brother Holmberg has survived these past 24 years, with QRM bothering him way back when, he should be about ready for Chattahoochee right about now. But, maybe he had some good ideas, at that.

W4VCX

LETTER TO THE EDITOR

I would like to thank you very much for making this door prize possible at the Tropical Hamboree.

Please make these 2 one year subscriptions one 2 year subscriptions. I hope to see you at the Tropical Hamboree next year. Again, thank you.

Nelson E. Southard, III
K4GSD, Miami

(Editors note: You are welcome Nelson. So are the other 13.)

NAVY'S NEW ANTENNA STOPS QSB

The U. S. Navy exhibited its tremendous ability to overcome fading. It works in the 5 to 30 mc. range and consists of a spiral in the vertical plane measuring 70 feet in diameter. The top of the Navy Job is 90 feet off the ground, suspended between towers.

In the theory that fading is due in some large part to sudden shifts in polarity in the arriving signal, the spiral is circularly polarized, actually forming polarization at many angles.

It seems to receive all signals equally well and when conditions are good, its gain is not quite as high as a rhombic's. But during rapil fading, when the ionosphere is unstable, it shows a gain advantage of 10 to 20 db over a rhombic.

The antenna was developed six years ago by the Wright Air Development Center and the University of Illinois. Let's hope that a small version comes on the market with a price in the range for the average ham.

This type antenna should be extremely useful on 6 and 10 meters, where fading is likely to be a problem during sporadic band openings.

(CALUMENT A.R.C. THE CARRIER.)

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— UNOFFICIAL OBSERVER

Probably more misunderstanding surrounds the use of call signs than any other phase of amateur operating. Section 12.82 of FCC regulations covers the situation.

Proper identification consists of the call (s) of the station (s) of group or net being worked followed by either the words "this is' or 'from;" followed by the transmitting station's call sign. This must be done at the beginning and end of each single transmission, or after initial contact, every ten minutes provided each transmission is less than three minutes, or every ten minutes if the transmission is continuous.

When operating portable or mobile: on 6w use DN(/) followed by the numeral of the call area in which the station is operating, on phone the word "portable" or "mobile" and a statement of geographical location must be followed the transmitting station's call sign.

Fixed stations communicating with portable or mobile stations should not use the portable or mobile designations, merely call the portable or mobile by its assigned call only.

In view of sections 12.82, such items as monotonous reptition of call signs at the beginning and end of very short transmissions, transportation of call signs and uses of such phrases as "over to" or "back to," omission of "from" or "this is" in the identification, announcing on phone that the station is "portable four," adressing a portable or mobile at such, are all contrary to prescribed procedure.

Further note that adherence to section 12.82 will prove faster and more efficient that the way most of use operate today.

W4SDR - PAM E. Fla.

HELPFUL HINTS

Those 28-volt relays we all have from surplus gear can be converted to 6-volt operation by rewinding the coil with No. 32 enameled wire. Don't shy away, the job is simpler that it sounds.

Don't overlook the use of rubber grommets for shock mounting posts and mounting parts which must be insulated from the chassis.

When testing experimental gear for the first time, put a small resistor in series with the high voltage. Mount the resistor between the rectifier and filter to act as fuse in case you have a short in the equipment.

WESTERN FLORIDA NEWS

By FRANK M. BUTLER, JR. W4RKH

A section LO meeting has started every Sat. at 1500 CST on 3836 kc, for all EC's, PAM, RM, Net Managers, SEC & SCM.

Perry: KQP has new AREC setup. YLP is back on airs from QTH. K4NJH has new receiver.

Madison: PBO is monitoring 52.9 mc, & working on 6m xmtr. Monticello: K4BDA is new EC for Jefferson Co.

Quincy: K4QDN got VOM, f/s meter and bug for Xmas. Tallahassee: K4ARK is active with new Cheyenne. GAA won first of monthly competitions to be held between local AREC teams based on net participation. CMG is mobile on 40m. MLE and CMG made high scores in SS contest. A surprise AREC drill proved very succesful. Port St. Joe: K4-RZF has relieved K4RZM as EC. W4WEB is new Phonex Activities Mgr. for Section.

Ft. Walton: ROM is very active as OO, & has joined Army MARS. Gulf Breeze: AKJ is back on air, joining K4EAP, K4-RIV and K4ZMV.

Pensacola: The VHF Club held a FB Christmas party; a visitor was your SCM. K4QOJ/K4BDF work lots of DX from their well-equiped shack, when not mobiling on 6m. K4QAC continues to work 6m fixed, mobile and aeromobile. AXP renewed RM and ORS appointments. Xmas brought K4CFS a bug; K4WVA a VTVM. WVA anl YYE are new General Class K4RMO, K4SOI, K4HYL, K4SWQ, EWG and OOW took part in search for lost boy.

WPA NEWS

Geo Reed, K4HXU

We are happy to announce through Florida Skip that the Winter Park Amateur Radio Club held its Charter meeting on November 1, 1960. Officers selected were; President, Cecil Kelly, K4JZQ; Vice President, Bob Lorisz, K4TTZ, Sec. and Treasurer, George Reed, K4HXU.

The club will hold it's regular meetings the first Tuesday of each month at the studies of radio station WPRK, Rollins College. The Club net meets each Thursday evening at 2000 (0100GMT) on 28,950kc. Any amateur in the winter park area is invited to come to our meetings and call in on the net.

We are off to a good start with 15 charter members. The club will handle emergency communications for the Winter Park area until a Civil Defense system is organized. See you next month.

TRAFFIC HOUNDS

(December)	W4WEB 13
K4UBR 551	K4ZMV 4
K4CNY 506	W4PBO 2
W4MLE 237	(November)
K4VND 128	W4SRK 317
W4BVE 126	K4UBR 176

EASTERN FLORIDA

(December)

K4SJH 2013	K4VSA 95
K4EHY 849	K4DAX 73
W4FPC 470	K4DZS 70
K4FMA 438	W4NGR 69
W4SDR 372	K4RNS 67
K4COO 354	W4CNZ 64
K4LCF 305	K4MTP 51
K4KDN 302	W4IYT 47
K4BY 273	W4SMK 47
W4EAT 253	K4EHW 41
K4DBT 239	W4SGY 40
W4FE 172	W4LMT 36
K4BZ 152	K4ANR 33
W8LDU 147	K4TDT 29
K4LVE 147	W4BKC 26
K4LVE 147	W4LSA 23
W4TRS 136	W4DSH 22
K4ILB 124	K4BZS 21
K4AX 124	K4MVS 16
K4BLM 111	K4ZIV 12
K4YOQ 109	W4DQS 10
W4GJI 108	K4DAD 9
K4AKO 102	K4TDN 7
K4ENW 100	K4GOG 7

Section Nets reporting this month. FMTN-956, GN-556, FP-TN-441. We had four making BPL. Total traffic for month was 8315.

(November)	W4GOG 7
W4SDR 320	W4IWM 6
W4EHW 29	W4RUO 3

NEW EQUIPMENT

A new short wave receiver featuring three antennas, an adjustable B.F.O. on the front panel and compact, slim-line styling has been introduced by The Hallicrafters Company, Chicago radio and electronics manufacturing firm.

Called "Model S-120," the set includes a built-in loop-stick antenna for the standard broadcast band and a collapsible whip antenna for short wave as well as the normal connections for external wire antenna. It's three short wave bands have a frequency range from 1600 kilocycles to 30 megacycles.

The new model also features electrical bandspread with a slide rule dial and a separate tuning condenser. In addition to B.F.O./selectivity control, its front panel provides a headphone jack which automatically disconnects the speaker.

Spokesmen said the S-120 is a step-up version of the company's long-established Model S-39S, still in production. It is available immediately through distributors.

PANAMA CITY AMATEUI

RADIO CLUB

On December 5, 1960, Panama City Amateur Ra Club's newly elected officer ficially took office at the fi business meeting in the mor of December, although they we first recognized at the anni installation banquet which w held on the twelfth of Novemb

Newly elected officers are B Lindsay, K4PTP — Preside J. Brown, W4JDT — Vice Pre dent; Don MacDonald, K4F — Secretary; Bill Huntenbu WA2LQA — Treasurer; E Case, K5SKK — Sergeant- Arms. With the new set of of cers, a new set of committe were appointed.

Operations and programs w be under the direction of De Hayden, W4FIU. Clyde Ho K4RGE, will take care of t Education and Training to me bers.

Clubhouse facilities will under the care of Ira Wood, K 4WNA. TVI-BCI committee directed by Art Dunn, W4MM

NCS's were appointed for se eral bands to organize or organize that bands net: meters — Bill Huntenburg, W 2LQA; 10 mter. — K4GVV, T Giles with the help of K4A Bob MacDonald; 40 — Jo Green, K4BOE; 75 — Art Du W4MMA. W4IJQ, Ed Bycroft, in charge of the club's Publici and Public Relations.

Don MacDonald,
K4FQQ, Secretary

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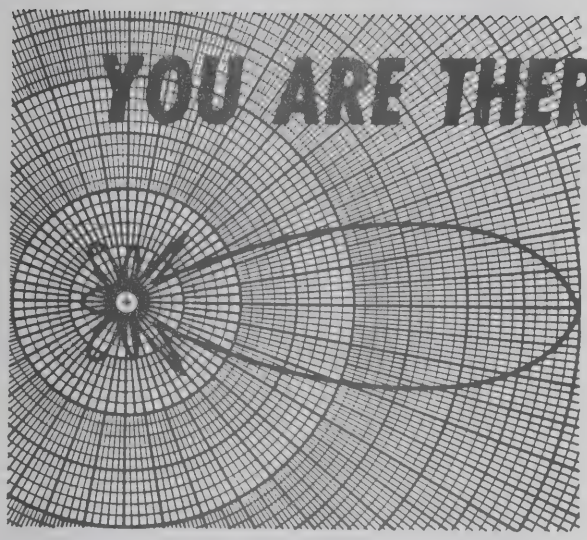

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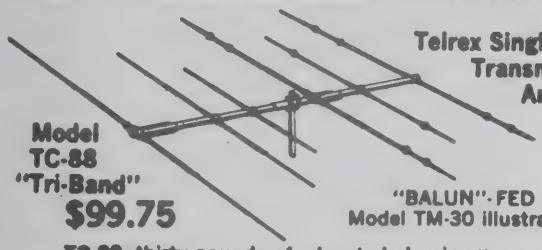

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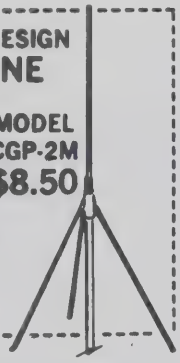
CGP-15M . .	$37.95
CGP-20M . .	$88.00

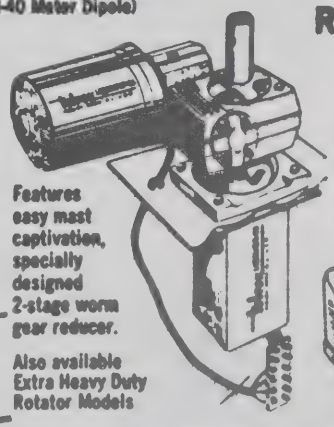
MODEL CGP-2M $8.50



Model 2M-3C $6.95

3 ELEMENT OPTIMUM SPACED "BALUN"-FED YAGI'S

Model 2M-3C	$6.95
Model 6M-309 . . .	$14.95
Model 10M-309 . .	$31.50
Citizens-Band	$31.50



Features easy mast captivation, specially designed 2-stage worm gear reducer.

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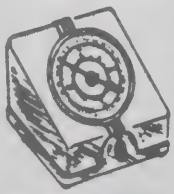
Designed to out-perform and outlast and other beam rotator in its class. Will hold and rotate beams in winds up to 110 mph. Control Housing is Telrex quality thru-out. Black japanned aluminum housing. Tri-colored azimuth rose and reciprocal readings. Has selsyn indication and limit of rotation circuitry.



New Telrex "CHRISTMAS TREE" 3-Band System

By far the most powerful and practical 3-element "Tri-band"® System . . . guaranteeing no compromise, 3-band performance and reliability—rain or shine! "Balun" feed and optimum antenna design assures . . . maximum gain, and impedance bandwidth, plus pattern symmetry with minimum TVI, BCI and harmonic radiation qualities not possible with single transmission line "Tri-banders".

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Model 2MSR-1114 illustrated

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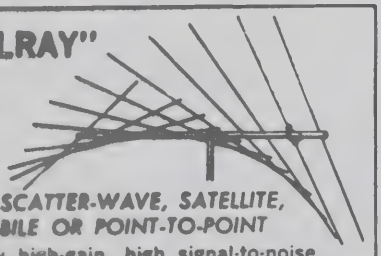

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Extremely high-gain, high signal-to-noise, practically no fade, all radiation planes—horizontal, vertical or oblique! 9 models available on ¾, 1¼, 2 and 6 meters.

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Here are some shots of the Miami Tropical Hamboree taken by Dick McCoy, W4ZPO January 14th and 15th at the Miami Bayfront Park Auditorium. We hope to have a complete story and more pictures next month. We are now out of space and time.

HAMBAR

TE: Florida Skip does not ume any responsibility for dition, price, etc. of any item ed in this column.

his column is FREE to any Li- sed Radio Amateur. There is no it to the number of items an ividual may list. All listings are celled each month. If your list- is not moved, it will be neces- y to relist the following month.

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R SALE: Elmac A54H Trans- ter, $60. Gonset Tri-Band Re- er Converter, $12. PE-103 Dyna- or $10. Or, take all, cash and ry, $75. Also, good Hallicrafter Skyranger Portable Receiver -DC less batteries, but needs fil- condenser, $15. Mobile Whip with meter Master Mobile Coil with kespear whip, $5. W4 ROY Rudy ker, 268 Mashta Drive, Biscayne , Florida, (Miami) EMerson 605.

R SALE: Due to illness the en- station of Rev. Stanley Milew- W9SAD: Collins 75A4 w/spkr, d 20 hours, $535. Viking II push to talk, sequence keying, d 15 hours, $175. VFO, $30. Match- $37. TR-4 Rotor, new $25. W3- Z Tri Band Beam, $100. RG-8U, ft., $20. Write Matt Surofka, KYK, 1225 W. 151 St., East Chi- o, Indiana.

R SALE: HRO-60 with 10, 15, 20, and 75 meter coils. GSB-1 Single band adapter, preselector DB-23 in excellent condition, $450. Cost inally over $800. Also 50 foot l tower with two beams, rotory trolled any reasonable offer will accepted. Mrs. Eve E. Ham- ht K4RFT, 3 N.E. 110th Ct. Mi- Shores, Fla. Phone PL4-3797.

R SALE: Collins 75A-4 and Col- KWS-1 belonging to deceased GON. All like new. Mrs. Mary uta XYL/K4GON, 13025 N.W. Ave., Miami MU 1-5276.

NTED: Certificate Hunters — ite Clif Evan, K6BX, Box 385, ita, Calif., for the only Directory ertificates info in the world. You the latest information on Cer- ates of the world. News via his ous "Newsletters" and many er goodies. Clif also has the most plete QSL DX service known to DX man. Try him.

R SALE: Viking II, all new es, Johnson Match Box, Johnson O, will sell as a complete pack- only $200.00. Ken Farwell, K4- S, 4538 Oxford St., West Palm ch, Phone OV 3-2433.

R SALE: Globe King 400C in ex- lent used condition 400 watts /CW plus a VFO and complete of coils and links covering 10 a 80 meters. All for only $260. e gone SSB. Walt Dixon, W4- N. 820 N.E. 123rd St., Miami 61, . Phone PL 9-3647.

VHF MEN! Yes, there is a magazine devoted to VHF and VHF alone in the United States. It's the VHF AMATEUR, 67 Russell Ave., Rahway, N.J. Editor, Bob Brown, K2-ZSQ a true VHF amateur brought the paper from a few sheets up to a real magazine. It's chucked full of news on VHF and DX news from the USA and South America. $2.00 will bring you 12 big issues. If you like VHF, you will like THE VHF AMATEUR!

Wanted — Power supply for BC 457, 58, 59, Series surplus X-mitter; or for GF-11 or RU-16. E. A. Schory, POB 1468, Ft. Myers, Fla.

FOR SALE OR TRADE: VHF frequency meter TS-175. Similiar physically to BC-221 but covers 80-1000 MC. Unmodified, original calibration charts. Locally $75 or trade for tiltover or VHF transmitting gear. M. B. Goldblatt, W4EMB, 3627 S.W. 8th St., Miami. HI 3-7636 days or MO 6-6997 evenings

WANTED: More HAMBARS — Free to all amateurs. Editor, Box 501, Miami Springs 66, Fla.

Be recognized at ham meetings. Have your call and handle engraved on laminated formica, black, walnut, red, blue, or green with tie clasp or lapel pin for only $1.00. Personal printer rubber stamp with call letters, name, street address, city and state or any other 4 lines of copy in a compact case with self-contained ink pad. $1.00 Perfect ID at hamfest, try the iron-on call letters. Press onto any garment with hot pressing iron. Royal blue. 5 or 6 characters of call. $1.00 Names available at .20 cents per letters. Many, many other items at very fare prices. Flyer free. Chuck Baer K9TVA Enterprises, 6429 L N. Glenwood Ave., Chicago 26, Ill.

FOR SALE: Tri-band Beam bargain, Mosley 10-15-20, TA-36, new in unopened carton $110.00 or make offer. Won at Hamboree and present beam is good enough. Fully enclosed 5 foot 6 inch parmetal cabinet containing many goodies. 500 watt continous duty 1600 v. power supply with Thordarson CHT components, CD 4 MFD 2000 condensers, speech amp and Class B modulator with 811's for plate and screen modulation, single 813. Complete fuse panel, overload relay, four meters, including 2000 volt voltmeter plus husky relays, 12 volt supply etc. All for 100 bucks or make offer. Pick up at: 1550 Lenape Drive, Miami Springs 66, Fla., from Ray McAvoy, W4GOG phone TU 7-2998.

FOR SALE: Recently released for Civilian use — 1 each McLaughlin Signal Splitter, type MCL-4. Fits 19 inch rack, 6 inches high. Interference attenuation — phone 100 DB down at 1 and a half kc. off resonance — c.w., 135 DB down; audio image, down 120 DB — plugs into 110v. Costs $475 sell for $65.00 New tubes for URC-4 walkie talkies $1 each. 4-125A at $8.00, 3X2500A tubes at $75., 6VGT tubes 1 to 200 at .30 each. Sperry Loran, Mark II receiver $25. Navy TBL-7 xmtr complete, orig cost $9800.00 sell for $200. BC-243 xmtrs $4.50 each. BC-342 receiver, excellent $45. Miscellaneous, power and filament xfrms t-pads, pots resistors, meters etc. Robert T. Ferguson K4ZJI, 351 West 37th St., Hialeah, Fla. Phone TU 5-1195.

FOR SALE: Heathkit Apache 6 months old, in mint condition and SX-99 with 6 meter converter, perfect only $350.00 for both. Also have factory made 3 element 10 meter beam, 2 el 15 meter beam, CDR rotor, excellent condition for $30.00. And last but not least have Heathkit tube checker would like to trade for five or eight element 6 meter beam, will make up difference in value. Stan Bittner W4JKK. 3081 Mary St., Coconut Grove 33, Fla. Phone HI 8-9488.

FOR SALE: Viking 500, factory wired like new. Dick McCoy, W4-ZPO, 1739 S.W. 8th St., Miami

FOR SALE: 110 v.a.c. Advance Coax relay $8. Johnson Viking I with Manual $100. BC-522 freq meter with a.c. power supply $55. Johnson VFO, like new, model 122, $18. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

FOR SALE: Collins S-1 receiver less than six months old. Factory installed Collins modification kit conversion provides 14 additional 200 kc bands for general coverage. Bertram Zuckerman, 4331 Nautilus Drive, Miami Beach, Fla. Call Jefferson 8-4171 after 6 p.m.

FOR SALE: Johnson Navigator, 40 watt exciter — CW transmitter, 160 through 10. Very stable VFO, two crystal position. Crisp chirpless timed sequence keying. Factory Cartoon, manual $120. Heath VX-1 VOX control for AM or SSB, $15.00. Both perfect, wired by electronics instructor. Excellent RME DB-23 preselector to pep up that receiver, $25.00. Prof Lawrence Roberts W4-RVB. University of Tampa, Tampa 3, Fla.

Did you ever wonder where you could get some "Ham Radio Jewelry"? Well, your wondering days are over because CHUCK BAER K9TVA Enterprises, 6429L N. Glenwood Ave., Chicago 26, Illinois has the answer. They have EVERYTHING from necklaces to Oval Microphone or Telegraph Key designs. They have dozens of "different" personalized items for the amateur. Write for listing ,and we'll bet a donut you'll be surprised!

FOR SALE: Filter King 220mc. converter ,factory wired, new condition in original carton. — $35.00. Cushcraft. 11 element 220mc beam $4.00 Heathkit C-3 condenser checker, new condition $10.00. J. W. Gregory, K4OCK 3000 SW 103th Ct., Miami 55, Fla.

WANTED: HQ-110 receiver and Johnson Challenger or similiar equipment. Have photo gear to swap. Write for list. Johnny Bell W5-NGX/4, 430 El Vedado St., West Palm Beach, Fla.

FOR SALE: Two and Six meter xmtr complete. Has roll out cabinet one by two by six feet. Uses 829B final wit hall stages metered, both grid and plate by single rotary switch. Heavy duty power supply, blower on cabinet. Auxiliary blower on final. Built by Wilcox electric for United Airlines 1943, converted to 2 and 6 in 1959. Wgt 300 lbs. Price $125 including xtal mike and speech amplifier. National VFO $25 extra. Have gone SSB on 6. Don Queeney W4ACT. 1870 Fourth St., South, Naples, Fla.

WANTED: Instruction manual with circuit diagrams for Motorola 250 W. base station model FSATR 250 BR using a pair of 100TH's in final. Art Granthum W4MBJ, 1256 Plymouth Place. Jacksonville 5, Fla. EV 4-4535.

FOR SALE: 6 meter Communicator III with matching VF0 in excellent condition. $225. Will sell separately. Roy Reel K4IAL, 3904 Deleuil Ave., Tampa 10, Fla. Phone 33-7723.

FOR SALE: 3 — 4mfd 1500 VDC Aerovox, brand new $3.00 each. Globe Scout 680 with built-in antenna relay $80. Jared Wolf, K3ATX, Box 127, Concordville, Pa.

FOR SALE: Eico Model 324 Signal Generator ,new condition $15.00. RCP multitester model 447-B new condition, needs a.c. rectifier. $4.00 Cush Craft 6 meter 6 element wide spaced beam. 20 foot boom, excellent condition, original carton $17.00. J. W. Gregory K4OCK, 3000 SW 103rd Ct., Miami, Fla.

FOR SALE: Senceca in new condition $150.00. Complete mobile rig ready to go and in A-1 condition $225.00. Bob Cole, K4LZW, 4708 Wisconsin Ave., Tampa, Fla. 65-4653.

WANTED: SSB equipment or sound system for movies. Helen Meister W2UMB, 321 River Road, Nutley, N.J.

FOR SALE: National NC-180, general coverage plus 6 meter and matching speaker in excellent condition $180.00. Heath Condenser Checker, good condition $15. Precision Signal Generator Series E-200 $35.00. Ferris Microvelter Model 18-C. No. 331 freq range 5 to 175 mcs $50.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, TU 8-3874.

FOR SALE: Hy-Gain Tribander 2 element beam with 40 feet of supporting pipe. All in good condition. $65.00 take it Bill Gravett, K4EHL 1905 N.E. 1st St., Ft. Lauderdale, Fla. Jackson 2-7376 after 6 p.m.

FOR SALE: DX-20, like new. $20.00. Ren Hines K4LWZ, 735 N.W. 133 St., Miami 68, Fla.

WANTED: All DX men interested in the Florida DX Club to write or contact Dave Traer, W4AZK, P. O. Box 215, Naples or, W4LVV for info on the FDXC plus info about the KW-Award.

WANTED: More HAMBARS. Why not get rid of that spare equipment cluttering up the XYL's laundry room? It's free to all amateurs. SKIPPER, Box 501, Miami Springs 66, Fla.

FOR SALE: Johnson "Matchbox" $35.00. Morron MB-560 A transmitter $120.00. Johnson mobile transmitter $60.00. Hugh Beam, K4PPR, 6909 Barby Lane, Orlando, Phone CH 1-4840

FOR SALE: Gonset Communicator III. 6 meter and Gonset Liener both $250. 4 Element Telrex 6 meter beam. $12.00 RME-126 converter $175. Apache TX-1-X $200. Instructograph code machine with 10 tapes $15.00. T-T-1 Heath tube tester-new wired $150. 10 element Hy-gain 2 meter antenna $10, and 2 meter ground plane $20.00 Phil Craig, K4CRU, 2044 Harrison Corner, Hollywood, WA 3-4734.

FOR SALE: Model 26 TTY, set up for 20 ma. operation and operating at present time $75.00 FOB Tampa or pick up for $65.00 B&W 504C $45.00 and many B&W coils, what do you need. 25OTL brand new JAN in original carton $15. Ralph F. Coady W4BNI, 2903 Bay View Ave., Tampa 11 or C-301, 5900 NW 37th St., Miami Springs, Fla.

WANTED: More HAMBARS. If you have unused gear around the shack why not cash it in. All ads are listed free provided your are an amateur and NOT in the business. Free — nowadays? ? Skipped, Box 501, Miami Springs 66, Fla.

WEST PALM BEACH ARC

Bob Hope, W4GWF, Editor of the "Sailfisher" reports the WPBARC, second home of our new President, that the 3rd Wednesday meeting is set aside for visits (by all members) to different members QTH. Harry Stitzel, W4BTO was host to the "shack meeting" on January 18th.

W4GWF seeks three additional Asst't EC's. How about some volunteers? Also see Bob about joining the AREC. It's free to all licensed amateurs. Don't forget the Sailfisher Net at 0100Z. Call Ken, K4BZS for more info.

FAST NET

Due to circumstances, yours truly had to resign as Net Manager of the FAST Net. I would like to thank all those who helped me found this net and I also with our new manager, W4YFW — Robbie — Key West, the best of luck.

Note new frequency of operation for the FAST Net — 3940 KCS instead of 3910 KCS.

Lots of new calls showing up on 3940 these days. Among those heard are: W4HXC, W4LP, W4-LFL, W4WKY, W4OHA, W4JW-U, K4DHZ/4, K4KLP, W4JPP.

Now lets add more traffic to the more calls and we will have a real going concern.

Good to hear Jim — W4ZJ. Jim operated his SB10 barefoot for sometime while repairs were made to his linear. His fabulous contacts on 75M SSB with SB10, such as California, in the early AM, are a topic of conversation but evening QRM was rough on his signal. His linear is back now and though at lower power (slippers Jim calls it instead of shoes) he sure does ride into this QTH better.

However, several of our staunchest members are still having rig trouble, W4YJE, K4QKF, W-4UWW etc. . . Lets all say a short prayer for them to return to the air soon.

Thats FAST for this month. Look for us on 3940 — from 1930 on — and on — and on.

73 — Burt

CONCH CYCLES

The Key West ARC meets 2nd and 4th Mondays at 2000 at Cluishouse on White St. Key West, Fla.

Willy — W3YST/Mobile 1 — Commanche an all blew into town on 8 January for a 3 week stay at the Fleet Sonar School. Willy a former member of the ARC at the U. S. Naval Academy, was worked from Key West on the way down the coast from Jacksonville. Thanks to K4DBT, K4-VSA and yours truly. Willy reports that Florida is a most hospitable state in regards to hams. He said that on the way down he had only a couple of QSO's until he hit Florida. From then on it was one QSO after another until the evening QRM set in.

K4OFG — Bernie, has headed back to Jacksonville after his Christmas leave. Nice to have him on the air from Conchville again while he was here.

W4ZUT — Mike — is missing a 4-400A final — anybody seen it? Rumors has it that W4NQW has it but won't part with it.

The Fleet Sonar School ARC W4NDJ was awarded a public service certificate by the U. S. Weather Bureau, Department of Commerce, for emergency communications during Hurricane DONNA. When teletype lines to Miami went out, using commercial truck equipment provided by Toppino's of Key West, a link was set up from the Key West Weather Bureau Radar site at the International Airport to the Fleet Sonar School, where the radar positions on Donna's eye were relayed to the mainland via amateur radio. Another job well done for ham radio.

Robbie, W4YFW, now working up a 2 meter rig and expects to join the MCEN 2 meter section soon. Also note Robbie's XYL presented him with a new Harmonci on 9 January. A girl too!

All Florida Keys Amateurs please note, the Monroe County Emergency Net meets on Sundays at 1330 hours on 3900 KCS and also on 2 meters on 145.4.

From the heart of the Fabulous Florida Keys, The Fishing capitol of the world.

73 — Burt/W4CNZ

K4EHY TAKES $25.00 FIRST PLACE

The annual Florida Skip Worked All Florida Counties held on December 9th and 10th is history. All the contest logs are in and check. (Wow, what a job!)

Dan Franklin K4EHY, 7710 — 52nd St., Pineallas Park walked of fwith the Florida Skip $25.00 U.S. Savings Bond, first place. Dan racked up 452 points followed by George Thurston W4MLE, 3407 Prock Drive, Tallahassee, 249 points and Dan Murray, K4-FMA, 1780 N.E. 146 St., North Miami, (A very close third place,) with 243 points.

The Florida Skip Staff happy to make the presentation of the $25.00 Savings Bond at the Tropical Hamboree in Miami, January 15th to K4EHY.

The second place prize, a beautiful bound copy of the Florida Skip Third Edition, was mailed to W4MLE in Tallahassee.

The logs showed that 84 stations participated, which was up over last year.

We will have another contest this year if enough stations will let us know which month of the yea rwill be best. It seems December is usually a very busy month, with Christmas shopping, parties, etc. Let us know please.

Once again Congratulations to all and keep working fo rthat WAFC certificate—its a beauty!

NEW VHF EMERGENCY FREQUENCY

Eastern Florida VHF PAM (Phone Activities Manager) announced that 144,250 kc and 50,-250kc are hereby assigned as the Official VHF emergency frequencies. Allen A. Engleman, W4R-WU, 2442 Pine Estates Road South, Jacksonville 8, Fla. made the announcement at the Miami Tropical Hamboree January 15th.

These frequencies will be used during any disaster and will be used for all future State VHF AREC drills.

W4RMU suggest all VHF men get up a 4 element beam that can be lowered and stored in a short time and erected quickly.

All VHFer's interested in forming a statewide net in Florida are requested to drop Allen a line for details.

ORLANDO RAMBLINGS
Hal, W4BKC

Tom, W4BVG was elected to the distinguished office of Master of Oscillator of the Knights of the Kilocycle. A mantle we are sure he will wear with distinction. Congrats Tom. For the information of all interested, the Knights meet at 07:30 a.m. each Sunday on 3910 Kc. for the winter months, and 0:100 (1200 GMT) the rest of the year. 10 consecutive call ins will get you a membership certificate. Fire up the rig and join the gang, you will enjoy it.

Dave, W4TOD and his committees are working hard on all the numerous details for the Orlando Hamfest — ARRL Southeastern Convention, April 7-8-9th 1961 to be held at the Cherry Plaza Hotel, Orlando. All who are planning on attending the Singlesideband Breakfast should contact Bill Allen, W4DTZ, P. O. Box 2067 for reservations as soon as possible, as plans have to be made well in advance.

This combination of the Orlando Hamfest anl the ARRL Southeastern Convention will assure a busy and interesting time for all who attend. The Royal Order of the Wouff Hong will be exemplified, so be sure you are on the list of candidates, as you can only become a member at an ARRL Convention.

The Floridoras will have their Annual Birthday Party in conjunction with the Hamfest, and they are hoping to have a membership of 100 at that time.

Congratulations to George, K4-RDQ (Rebels Don't Quit) who dropped the N recently. Ned, W4-UZG has joined the local 2 meter gang, with a new Gonset 4. Heard from Logan, KN4UGW that his boss lady Maurine now has her call, KN4NTJ. Congrats Gal, tha makes another all Ham family

Ev, K4UIZ reports that anothe member of her code class ha received his call, Ken, Kn4NTD hapy brasspounding. Heard thr the grapevine that Jerry W4ID and his missus are the proun parents of a baby girl, bes wishes from all of us to you all.

YEARLY TOTALS

SCM, John F. Porter, W4K just finished his fourth year the head of ARRL in Easte Florida. John racked up a migh gool record these past fo years. Here are his final tota for 1960.

Traffic — 65,792
(1959 — 42,910
Increase of — 22,882
BPL's — 48
(1959) — 26
Increase of — 22
EC's — 34
ORS — 27
OPS — 37
OO's — 24
OBS — 11
OES — 13

Five active section nets: FPT FMTN, TPTN, GN and QF with NTS.

The new SCM, A. L. Hame K4SJH, 1300 NE 42nd St., Pon pano Beach takes office Februar 14th. All future SCM reports an correspondence should go to hir

Let's all get behind "Ham and keep our Eastern Florid "ratings" high on the nation totals. This year's total on tra fic should put E. Fla. near th top again.

Congratulations to W4KGJ fo doing an excellent job these pa 4 years and best of luck wit all new assignments.

— AC

It isn't how much we know tha counts — it's how well we us what little we do know.

LO SKED FOR 1961

Listed below is the 1961 Lea gue Official Party sked. All L are urged to circle the date now. March 4-5, May 6-7, Septem ber 2-3, November 4-5 and De cember 2-3.

The SCM's of East and Wes Florida have agreed on settin Sunday of each date listed abov as the All Florida LO party o 7295kc at 2000GMT. (That' 1500EST and 1400CST)

As you know the purpose o the LO Parties is to discuss ou problems and experiences i traffic, emergencies, DX, contest and VHF.

All eligible in Florida are Asst. Director, SCM,SEC, EC RM and PAM's. Join us on 729 kc March 5th, 1961, won't yo please?

FEDERAL COMMUNICATIONS COMMISSION
1029 Federal Bldg.
Detroit 26, Mich.

BULLETIN TO: RADIO/TV/HI-FI SERVICE TECHNICIANS.
SUBJECT: AUDIO RECTIFICATION.
PURPOSE: TO ELIMINATE AMATEUR RADIO OR OTHER RADIO FREQUENCY INTERFERENCE.

[A] Received all across the dial of a radio
[B] Received on all sound channels of a TV receiver or combination.
[C] Received on record player, Hi-Fi amplifier, electric organ, public address system, tape recorder, etc.

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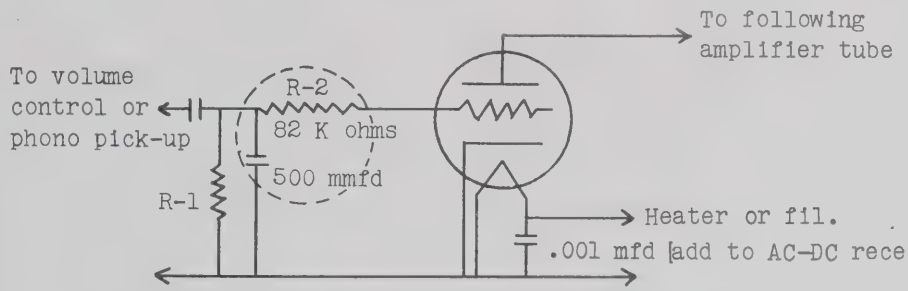

The above schematic is familiar to Radio and TV technicians, except for the suggested revisions shown in the broken circles. In general, it also concerns HI-FI and other equipment employing audio amplifiers.

Remove all leads connected to the control grid of the 1st audio tube. Insert an 82 K resistor between these leads and the tube grid terminal. Replace R-1, [5-10 megs] with a 2 meg. resistor. Connect a 500 mmfd mica or ceramic RF by-pass condenser at the junction of the resistors as shown, if none is already in use. Keep leads short and shield any long grid lead. In conjunction with the grid-cathode capacitance of the tube, series resistor R-2 forms a low-pass filter, preventing any appreciable RF voltage from appearing on the grid. The resistor does not affect the normal operation of an audio frequency amplifier.

Considerable interference may be experienced on some so-called "HI-FI" amplifiers due to the operation of a nearby radio station. This is obviously a problem for the manufacturer of the HI-FI equipment since the purpose of such an amplifier is to amplify audio frequencies and not function as a radio receiver. Such interference can be reduced or eliminated by relatively simple means without changing the desired characteristics of the amplifier. Some care should be exercised so as not to reduce desirable high audio frequencies, while eliminating radio frequencies. By-passing either side of the power line with a .01 mfd disc ceramic condenser to the point where the power cord enters each piece of equipment is considered a necessity. Many high-fi amplifiers lack such protection, in addition to being susceptible to reception of undesired radio signals through speaker leads and input wiring. Occasionally, it may be necessary to bridge cathode or plate lead electrolytic condensers with a disc ceramic condenser to act as an RF by-pass.

Most AC-DC or series string filament type receivers use a .05 mfd by-pass condenser across the power line to prevent hum or power frequency modulation of received signals. When negative is above chassis ground, an additional .1 mfd condenser is used between negative and chassis. These should be checked and replaced if necessary to make certain the power line is properly by-passed.

Most <u>other</u> types of short-wave radio interference to TV, including picture interference can be eliminated by installation of a high-pass filter, connected in series with the lead-in and mounted on the chassis near a position where the antenna lead-in enters the TV-tuner. Direct pick-up by a 4.5 sound I.F. plus 21.6 or 43 MC I.F. amplifiers, may require additional shielding or re-alignment to a slightly different frequency.

(Courtesy of W8BAH)

STATE OF FLORIDA AREC COMMUNICATION PLAN

OFFICIAL EMERGENCY NETS

All nets, regardless of their principal assignments, will handle priority 1, 2 and 3 traffic, giving it preferred treatment in accordance with its relative priority.

Liaison between emergency nets will be provided by Key Stations on each net, which maintain local VHF or land-line contact with Key Stations operating on other nets.

The State Plan will be used for emergencies which involve both Eastern and Western Florida. The State Plan may be invoked by the SEC of EITHER section at any time when, in his judgement, the situation requires state-wide emergency operations.

At other times, the SEC will use a Section Plan suited to the needs of the emergency, and the circumstances.

EMERGENCY FREQUENCIES — STATE PLAN

A — Florida Emergency Phone Net Nr. 1 — the Primary Emergency Net: (A-3): 3910 kc/7295 kc: This net will handle ONLY Priority 1, 2 and 3 traffic.

B — Florida Emergency Phone Net Nr. 2 — the Secondary Emergency Net: (A-3): 3900 kc/7285 kc: This net will handle all priorities of traffic.
Principal assignment: Welfare traffic coming into disaster area from outside; Priority 7.

C — Florida Side Band Emergency Net: (SSB); 3940/7275 kc. This net will handle all priorities of traffic.
Principal assignment: Priority 5; Priority 7.

D — Weather Amateur Reporting Network WARN — (A-1): 3650/7115 kc: This net will handle all priorities of traffi
Principal assignment: Priority 6; Priority 5.

E — Statewide Emergency frequencies are 50,250 and 145,25 kc. with liaison to FEPN No. 1 and No. 2. These net will handle all priorities of traffic.

EMERGENCY FREQUENCIES — EASTERN FLORIDA PLAN

A — East Florida Emergency Phone Net — The Primar Emergency Net: (A-3); 3910 kc and/or 7295 kc nigh and/or day. This net will handle all priorities.

B — East SSB Florida Emergency Net — The Secondar Emergency Net; (SSB): 3940 kc. and/or 7275 kc nigh and/or day. This net will handle all priorities. Principa Assignment: Priority 6, 2 and 3.

C — QFN (A-1) 3650/7115 kc. This net will handle all pri orities of traffic. Principal Assignment: Priority 5 Priority 6.

EMERGENCY FREQUENCIES — WESTERN FLORIDA PLAN

A — West Florida Emergency Phone Net — The Primar Emergency Nets: (A-3): 3836 kc: This net will handl ONLY Priority 1, 2 and 3 Traffic. Day frequency 7285 k

B — West Florida Emergency Phone Net Nr. 2 — The Sec ondary Emergency Net: (A-3) 3900 kc: This net wi handle all priorities of traffic.
Principal Assignment: Priority 6; Priority 5; Priority 7.

C — QFN (A-1); 3650/7115 kc; This net will handle all pri orities of traffic.
Principal Assignment: Priority 5; Priority 6.

NET PROCEDURE

A. Net Control Station on each Emergency Net will be one of those designated in advance as NCS by the Emergency Net Manager or the Section Emergency Coordinator. As each NCS relinquishes control of his net, he shall designate a successor NCS from the list of Emergency NCS stations if any such stations are available on the net.

B. NCS on all nets will call for a three-minute listening period beginning exactly on each hour and half hour of net operations.
   1. Any station may call the NCS during a listening period or at any other time to list Priority 1 traffic.
   2. If Priority 1 traffic develops during the first two minutes of the listening period, the NCS shall clear it immediately in the manner which seems to him best under all the circumstances.
   3. If no Priority 1 traffic develops during the first two minutes of the listening period, stations with Priority 2 and Priority 3 traffic may list their traffic with the NCS during the third minute of the listening period. (Note: SECs and ECs should not use the listening period to list Priority 3 LIAISON traffic unless efforts to list it during normal net operations have been unsuccessful.)

C. NCS will announce at the end of each listening period which other nets will accept other types of traffic, according to the traffic distribution plan.

TRAFFIC

A. ALL traffic MUST be in official ARRL form before it will be accepted for handling on any net. The only exception to to this will be Priority 1 traffic of a QRRR nature.

B. All traffic must be signed by the person who originates it and who will take responsibility for its contents.

C. Stations handling Priority Traffic should assign a priority to each Priority message, if it does not already have one. The priority number should be included in the message preamble, between the Station of Origin and the Word Check:

Nr.____ Stn.____ Prio____ Ck____ City____ Filing Time____ Date____ Full address & phone____ Text____ Authorizing sig. & title____.

TRAFFIC PRIORITY DEFINITIONS

PRIORITY 1

QRRR; Warnings of imminent public danger from tornadoes, tida waves, forest fires or other violent conditions.

PRIORITY 2

Official Red Cross and CD traffic dealing with medical aid, move ment of essential supplies, equipment and personnel.

PRIORITY 3

Urgent Official law enforcement and urgent government traffic official messages concerned with personal safety and welfare o personnel and inmates of public institutions such as schools, hos pitals and prisons; essential urgent maintenance of physical fa cilities of public institutions; important liaison traffic between SEC and ECs.

PRIORITY 4

Medical welfare traffic concerning non-critical medical cases; t be so classified only when signed by a medical doctor or Re Cross or Civil Defense officials.

PRIORITY 5

Traffic to and from U.S. Weather Bureau, U.S. Coast Guard an other agencies concerning observations of weather phenomena river flood stages, sea surface conditions, forest fire conditions etc.

PRIORITY 6

Civil Defense and American Red Cross traffic below Priority 2 Government and law enforcement traffic below Priority 3; Appar ently important traffic not necessarily related to the emergency Death notices and funeral arrangements.

PRIORITY 7

Routine traffic for Press-Radio-TV; Personal inquiry welfar traffic; all types of emergency-related traffic not covered b higher classifications.

NON-PRIORITY

Routine traffic of all other kinds.

(Courtesy — Florida Skip)

FLORIDA SKIP

A Non-Profit Organization

OL. 4 NO. 10 | The All Florida Radio Amateur's Publication | MARCH, 1961

Dear Mabel,

Concerning your answer in ovember of Moe Beal about lyde's trouble fith home brew. ack here the only problem is e sheriff now has a helicopter d have sure lost a lot of valuble equipment. BUT, we keep ying!

Home Brew

ear Home Brew,

Goodness, you know that home ew remark changed an awful t of things around here. Clyde as certainly surprised at the rge number of diagrams he reived. They must have been arvelous because he remarked at "those boys up in the middle the state are old-time experts. re wish I had a good spring."

You'd think he'd have one in at mess of stuff in the shack.

After studying the various agrams and having a few conltations with the boys, he deded which rig to build. He ught a lot of equipment and erybody seemed eager to help. ven some of the fellows who ve never repaired their own ar came over to "get the new itfit fired up" as they expressl it . . . the true spirit of ham dio.

Of course I can't give you a chnical report on their proess but I do remember that on out the fifth day somebody id the stuff was beginning to ork and they all got real busy. nd then Clyde told somebody he was getting plenty of output from that little copper tube.

You know, there had been some tension in the club sometimes but when they began holding meetings out in Clyde's laboratory thew hole atmosphere changed. They sang and laughed even when the smoke poured out of the windows. It would have done your ehart good to hear them.

I remember the day they got on the air for the first time. Four of the boys had just driven up when Clyde ran out to them and said, "Man, it's LOADED!" They pounded each other on the back and snickered and winked and almost ran into the shack. Guess we had the most active hams in Florida that night.

Seems like they must have had some trouble with spurious signals because last week two investigators came here. We were not home but they talked to Mrs. Twern next door. Clyde got upset when he heard about it, he hates those pink tickets. The boys loaded the rig on the back of Herman's truck and headed for the Everglades. They say they have gone mobile.

So thank you one and all for your help. If ever you see a moving column of smoke out in the sawgrass you'll know it's our radio club operating their new mobile rig. They couldn't have done it without you.

It's things like this that furthere the reputation of amateur radio. Sort of chokes you up, doesn't it?

Love, Mabel

EDISON AWARD TO K4UUO

WASHINGTON, D.C.—Francis E. Ireland, K4UUO, 7425 South West 34th Street Road, Miami, Florida, has been voted a special citation by judges for the ninth annual Edison Radio Amateur Award, sponsored by General Electric.

Ireland was cited for his tireless efforts during and after Hurricane Donna when he handled more than 1,000 emergency mesages to and from the hardhit Florida Keys.

During the hurricane emergency, Ireland worked ;closely with the civil defence organizations, American Red Cross, Florida State Highway Patrol, telephone and power companies, in addition to relaying hundreds of personal messages.

The principle Edison Award of $500 and a trophy for outstanding public service by a "ham", will be sharde this year by John T. Chambers, W6NLZ, 2228 Via La Brea, Palos Verdes Estates, near Los Angeles, Calif., and Ralph E. Thomas, KHGUK, of Kahuku, Oahu, Hawaii.

Experimenting for four years with a radio phenomenon known as "tropospheric ducting," the pair set three communication distance records of 2,540 miles using UHF frequencies.

Their feats confirmed a theory that UHF radio communication was not limited principally to "line-of-sight" or short ranges.

Judges who voted the principal award and citations in Washington, January 27, are Federal Comunications Commissioner Rosel Hyde, Robert C. Edson, American National Red Cross, and F. E. Handy, American Radio Relay League.

CONGRESS RECOGNIZES AMATEUR RADIO

The following is from MARS broadcast number six dated February six:

"An indication of increased interest in Amateur Radio is reflected in Congressional House Joint Resolution 188 February 2, text of which follows:

"Joint Resolution designating the third week in June of each year as National Amateur Radio Week. Resolved by the Senate and House of Representatives of the United States of America in congress assembled, that the President of the United States is authorized to designate the third week in June of each year as National Amateur R adio Week, and to issue a proclamation inviting the people of the United States to observe the week with appropriate exercises to further and stimulate interest in amateur radio in the United States."

LAST MONTH

In case you were wondering who the operators were in the picture on the front page last month they were: L to R: Alfred Pedneau K5HKG, Richard Munger K4MDI (Chief Op and builder of station), John Storer (call unknown) and K. D. Morgan W4KUT. Many other Key West amateurs traveled into the Donna disaster area with their own equipment to set up communications. Many Key Westers have received the Florida Skip Award for their outstanding service. The picture on front page last month was "Official US Navy Photo."

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for 1 year or $4.00 for 3 years for my membership to Florida Skip.
New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

LETTER FROM SISLY

Write IT1AGA to W4DQS . . .

At first I thank you again very much for very pleased and enjoyable QSO of yesterday! (December 9, 1960). And also for your kind offer to help me for "Worked All Florida Counties Award". (Very hardy indeed) in spite of my daily operating activity — as I am using only 60 watts and, very poor, window antenna.

My usual works time, daily on 20 is: 1500/1700 GMT c.w. 28,, 21, 14 mcs. 2200/0200 GMT c.w. 21, 14 and 7 mcs. (Often 2200 to 0400 GMT).

Of course, until last December, my job was Vice Manager of a big Italian Bank, since January 1960 I have been retired as I am only 63 years old.

I am in ham radio since March 30, 1952. My best scores are WAZ 40/40, DXCC 202/188 and WPX 439/403.

I enclose list of all Florida stations worked here ,and I will be more obliged if you like inform me returning the sheet (he did). What is the county of some one of them. Will be sufficient only a call for each differenty county.

Excuse me for the great trouble and many thanks in advance. Please tell Florida counties to look for IT1AGA. I want WAFC award bad. Best of wishes, good luck and 73. Fraternally yours, Gius IT1AGA.
P.S.:

Since Sept. 14, 1960 I send to Wacki Wing Society c/o W. E. Allen, W4HLE 1413 emerville Road, Jacksonville 7, Fla. for "Waci Wing Dingers Certificate" but, untill to day, I have not receive that certificate or any reply. Sorry, why not? (Editor note: Florida Skip mailed Gius a Florida map showing all counties and forwarded his letter to W4HLE in Jacksonville.)

SILENT CARRIER

Lyle Lindbloom K4SWS, a member of the Manatee Amateur Radio Club of Bradenton became a silent key on February 2nd as the result of a heart attack while at work in Palmetto. He was 41 years old and lived in Parrish, Florida.

Pall bearers were K4FGK, K4KLR, K4PNT, K4EMJ, KN4-VGJ and KN4NPE.

J. G. Hoffman, W4KHK, South Miami passed away recently. Please see HAMBAR ad. He will be sadly missed by all his friends.

Editor: Florida Skip,

I am enclosing an item which you might be able to use in Florida Skip, and I will appreciate it if you can find space for it.

You have previously given us publicity on our student trainee program, but it seems that a new crop of young people keep coming along who have never heard of it. We read in the paper (Skip) of how many students cannot get the money to go to college — while at the same time the Government has many of these co-op jobs vacant because these students never seem to 'get the word".

The previous items you have published for us are appreciated.

Homer V. Thompson, W4CWV
FCC Monitoring Station
Ft. Lauderdale, Fla.

ARRL OB 786

The ARRL cross indexed net directory of nets registered up to December 13, 1960 is now ready for distribution. Nets are listed by name, by state in which operated, and by frequency mailing this year. You will receive the net directory only upon request. Drop a line or radiogram to Headyuarters giving your name, call and complete address. Previous requests are now being processed.

Andy Clark, W4IYT, Editor
P. O. Box 501 Miami Springs

Frank Orcutt, W4JO
Advertising Manager
2752 S. W. Third St.
Miami

Betty Clark, W4GGQ
Business Manager
Box 501 Miami Springs

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All signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP. Deadline 15th of month in Box 501.

NATIONAL EMERGENCY COORDINATOR VISITS FLORIDA

SKIPjust received word that George Hart, W1NJM, NEC and NTS from ARRL will be attending the 3rd Region OCDM Communication Conference March 7 and 8th in Thomasville, Ga.

George will be mobiling down from Hartford in his 1956 Chevy station wagon to the Conference. He plans a quick trip down the West Coast and back up the East March 6th, SEC. W. Fla., George Thurston, W4MLE set-up a meeting in Tallahassee. From Tally Mr. Hart motors to the Conference for 2 days then lown the West Coast to Tampa for a meeting March 9th. (See, EC, K4YOQ for details). Another meeting is set-up in Miami, by SEC E. Fla., Andy Clark, W4-IYT, for Friday night March 10 at Civil Defense Control Center, 5400 SW 87th St. at 2000. Eevryone is welcome. If you haven't seen the CD Control Center, here's your chance, and hear an excellent speaker.

NEC Hart will leave the following morning and stop off at the Broward Radio Club's Auction. (See details elsewhere). After a short visit there W1-NJM will head home to the frozen northland and back to ARRL HQ — for more hard work. Welcome to Florida George and hurry back when you can stay longer!

FLORIDA SKIP CORRESPONDENTS

Feature, W4TAS, Hank McMurri 3200 Avenue "A" West, Bradenton.

R. A. C. E. S., W4UHY, A Melvin, 1023 Brandywine St., Jack sonville.

DX, W4LVV, Chuck Bolvin, 221 SW 27th Lane, Miami 33.

Net, (FPTN) K4LCF, Herb Zeigle Box 12, New Smyrna Beach.

NOVICE FORUM, W4 UHF, H. Ro Scott, 8643 Twin Lake Blvd., Tamp 4.

VHF in Florida. Allen A. Englemar W4RWU 2442 Pine Estates Road So Jacksonville 8, Fla.

Net, (FMTN) W4GJI, Tip Curran, Box 48, Palm Beach.

Net, FAST and Sidebanders of Flor ida, Bert Witham W4CNZ Quarter R-6, USN Station, Key West.
Net, Dade DEN-6, Walter H Stock W4IIS, 7400 NE 6th Ct. Ap 6, Miami 38.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 W Columbia St., Orlando.

Club, W4LJM, David Nelson. 22 Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferro 1364 N.W. 23rd Ct., Miami 35.

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, K4GPJ, Red Clotfelter, 610 E 60th St. Hialeah.

Club, Fort Myers, Ken Stewart, W4 SMK, Box 463, Ft. Myers.

Club, Lake Co., Irene Conklin, K4LPV RR 2, Box 466, Bassville Park, Leesburg, Fla.

Club, Broward, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET, Bob Street, 116 Iroquois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolamo 216 Doris Dr., Lakeland.

Club, Victor A. Blackmer, Jr., P. O Box 214, Ft. Pierce

Net, Hillsborough AREC 6 Net, W4 NQX, Paul R. Young, 839 S. Blvd. Tampa 6.

FLORIDORA NETS, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Hint & Kinks, K4UGC, R. V. Frederick, 460 NW 108th Terr., Miami 50

SCM — WEST FLORIDA. FRANK M. BUTLER JR., W4RKH, 49 Elliott Rd., Ft. Walton Beach, Fla

SCM — Eastern SCM, A. L. Hamel K4SJH, 1300 NE 42nd Ave., Pompano Beach.

SEC — Eastern SEC, Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66.

SEC — Western SEC, George Thurston W4MLE, 3407 Prock Dr. Tallahasse .

FLORIDA SKIP NOMINATING COMMITTEE: Fran Foley W4BIL 14698 — 63rd Way, No. Clearwater Herb Hamilton, K4KDN, 1524 So Lake Howard Dr., Winter Haven

ORLANDO RAMBLINGS

Hal, W4BKC

The plans for the ARRL outheastern Division Convention nd the Annual Orlando Hamest are coming along nicely. Dave, W4TOD, the Chairman as a bargain for those who apply early for tickets. For the um of Five dollars you will get $6.75 value, which will include Dinner Ticket — $4.25, two oor prize tickets at one dollar ach $2.00, and admission to the eremony of the Royal Order f the Wouff Hong. 50 (Limited o ARRL members only). In ase you forget to renew your RRL membership, there will be representative from the League here to get you squard away on hat important detail.

Mac-K4TMN, reports that all he booth space has been spoken or which ensures a real interesting Display of all the latest oodies in the Ham line for you o drool over, and we hope put own a nice down payment; "so h can pay cash nowadays?"

Hal, W4BKC has been appointed Housing Chairman for the onvention, which means that oom reservations are to be directed to 736 Alfred Drive, Orlando and 1811 bug the Hotel or a pad for you lad. The rates re the same as last year, $8.00 ingle, $12.00 double and the losing date is March 31, 1961 o if you want a space to rest our weary bones, drop me a line eal early because the gendarmes won't let you sleep in the park, nd besides you might catch our death of cold. nuf sed.

Ernie, K4GHL announces that he main prize will be a complete Hallicrafter Singlesideband station, mike, key, antenna, the whole works. There will be lots of other prizes too.

Tom, W4EWB has moved to Cocoa to be closer to his work, e has been heard n 40 but aven't been able to learn the new address, so drop a line Tom.

Some of the local gang have heard, brushing up on their CW, on Saturday nights at 8:00 P.M. on 29.5 Understand it's going to be a regular thing, so put the mike away for awhile, plug in your key, and join the gang next Saturday night.

SORRY — WRONG NUMBER

Some telephone company official said that his idea in communications was a radio transceiver from which you could dial any person on earth from any point on earth; and, if he didn't answer, you would know he was dead. Better enjoy MW while you can — once this guy perfects his dream, We're dead! (From Watchwords. W4IA Editor.)

POLK COUNTY HAS NEW RACES MAN

Recent news from Bartow reveals Mr. James D. Longfield-Smith, W4DBD, EC for Polk County has been appointed full time RACES radio officer. His duties are many and varied, but among them is an opportunity to set up emergency communications. Shakespare has done a great job of reorganizing the CD depot in Winter Haven, as well as getting a Polk County Civil Defense Radio Club organized, complete with club station and call — W4TJM.

Lets hope all Polk County gets behind Shake on his new undertaking and give him our full support for a most important job. 73 — Art, K4GOX.

THE

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- **NOON DINNER — Informal, Nationally known speaker, ARRL Reports, Special Prize Drawing.**
- **MAIN DOOR PRIZE — Complete SSB Station (need not be present to win)**
- **TICKETS — At your local Radio Parts Distributor, Radio Club, or write to: Hamfest Committee, P. O. Box 2067, Orlando, Florida.**
- **HEADQUARTERS — Cherry Plaza Hotel, Orlando, Florida.**

Room Reservations should be made directly to, Hal Shea, W4BKC, Convention Housing Chairman, 736 Alfred Drive, Orlando, Florida.

Closing Date for room reservations, March 31, 1961 — Apply Early!

Reservaton Rates at Hotel, $8.00 single, $12.00 Double.

Dinner Ticket — $4.25, Two Door Prize Tickets $2.00, Wouff Hong .50 (ARRL members only). $6.75 value, if purchased in advance all the above items may be had for a flat rate of $5.00.

HARS NEWS

By Roy Scott — W4UHF

On February 13th, "Gasparilla Day", members of HARS, Hilsborough Amateur Radio Society Inc., in keeping with the Society's public service objective, asisted the Tampa Police Department with the movement of heavy traffic in and out of the City of Tampa due to specattors and participants in the famous Gasparilla Parade. This was accomplished with 14 mobile stations set up at important traffic artery intersections throughout the ciy and surrounding area, operaing on 6 and 2 meters, with control stations in the radio engineering department of the police department, and direct intercom connection with the Chief of Police in down-town Tampa. As traffic jams developed, the necessary information was transmitted from the police helicopter to the traffic officer at the intersection by means of the amateur station at that point, and instructions for handling and getting the traffic moving were sent to him. Accidents, or other causes of bottle-necks were quickly reported to the Police Chief, and wreckers or other vehicles quickly dispatched to the points in question and the situation corrected in a matter of minutes. The amateur tsations filled a need of the police department for additional means of comunication as all of their radio equipment was in service at other traffic control points.

Many of the members of HARS who could not participate actively in the operation because of having to be at their jobs, loaned their equipment to the group and in that manner helped bring about a very efficient operation with adequate mobile equipment. M. Sgt. Emanuel of MARS at MacDill AFB provided motor generators and antenna equipment for locations where there was no a.c. power available to supplement the battery equipment for the day-long operation. Amateurs who participated in this operation were: K4YOQ, W4OWB, K4PAK, K4YKU, W4OOZ, W4-UHF, K4VAO, W4TQL, W4-NQX, K4FHZ, K4EQH, K2-ZIH/2, W4ORA, K4IAL, K4-DWN and K4SQI. W4MIG, K4-SMV and K4LJW manned the control stations. W4BNE and W4UHF prepared and executed the plan of operation. The Police Department has expressed high praise for all who participated, and appreciation for the assistance given by the amateurs in Operation Gasparilla.

FCC HIRES COLLEGE STUDENTS

The Federal Communications Commission hires college students at many of its offices and monitoring stations. These students alternate between college and work, studying one semester or quarter and working for the FCC the next. High school graduates can be hired for the semester or quarter prior to entering college. While other government agencies hire students in other specialties, for FCC work the student must be taking or plan to take a course in Electrical or Electronic Engineering.

In a recent conversation with Homer V. Thompson, Engineer in charge of the Fort Lauderdale monitoring station, it was learned that a number of vacancies exist here in Florida. At that time the FCC was seeking one student for the Fort Lauderdale monitoring station, one for the Miami field office ,and one for the Tampa office. Interested students can get the details from the U.S. Civil Service Commission or from the nearest FCC office. An examination is necessary to qualify for employment, and where vacancies exist the exam can sometimes be arranged by the FCC office. Students specifically interested in working for the FCC should contact that Agency.

Another public-service project in which HARS members participated was the "New March of Dimes" on the evening of January 31st, by providing a system of comunication and transportation between pick-up points and the bank in downtown which was accepting the monies collected by the mothers in the various districts in the drive. The CD truck was set up in front of the Marine Bank & Trust Co., as control stations, and mobile stations were dispatched to the various outlying points as needed and thus provided a fast and efficient means of getting the collections to the depository from each central point. Amateurs who participated were 10 meters, W4UKV, W4EFK, W4EDZ, K4LJW, K4 LJW, K4EQH, W4YDI, K4QNX, W4MIG; 6 meters, K4BDP, W4-NQX, K4PHF, W4UHF, K4-IAL, K4KLT, K4MXH, K4-SMV, K4FHZ, K4STV, W4-MZD, W4OOZ, K4YKU; 2 meters, K4RYU, W4MIG, K4QNX, W4ORA, K4DXE, K4PDP, W4-UKV. The Base Station was operated by K4EBT, W4RMD, K4-VLD, W4BNE, and K4YOQ (CD).

CONCH CYCLES

The Key West Two Meter Amateur Net is now in operation. At 2000 each evening on a frequency of about 145 megacycles, a goodly group have gathered for a round table. At present the following stations joining us regularly are: W4CNZ, K4HEN, KKEY/4, W4PWU, W2EDN/4, KN4TTT, W4MLR, W4YFW, W4ZUT. The same stations also make up the two meter section of the Monroe County Emergency Net on Sunday's at 1330. It is heartening to see the increase in two meter activity in Key West since it is realized that this could be a major frequency usage during any local emergency. Experience indicated, during Hurricane "Donna" of 1960, that the lower frequency bands are not best suited for local emergency communications.

W4LLO, The Key West Amateur Radio Club, will have a demonstration booth at the first Monroe County Fair from 27 February to 4 March 1961. This booth is designed to bring Amateur Radio to the attention of the Monroe County citizens and demonstrate it's capabilities for communications during emergencies. W4LLO will be on the air on all bands during the period of this fair and QSO's with this station would be appreciated.

The regular meeting of the KWARC on 13 February saw a large gathering of members, friends, and XYL's, Etc., for a good time of QSL Bingo, movies and refreshments. Sure glad to see the gang gathering again.

Mike, W4ZUT is back on the air with his 4-400's again after an absence of several weeks. The repairs to his final amplifier seemed to have been succesful since the boys up country can copy him again.

We expect KN4TTT, Richard, now active on two meter phone, will soon drop the "N" and join the gang on seventy five.

W4NDJ, visited by W1JJV from New London, Conn. John mobiling around Key West or winter vacation, joined the gang after meeting up with ED, W4 PSZ, on twenty meters.

From the heart of the Florida Keys, the Fishing Capitol of the World, 73 for this month.

BURT, W4CNZ

NEW CLUB FORMED

A new club has been formed a Hurlburt Field (Western Florida) to take the place of the ill fated (now defunt) "Field EARS Subsidiary." HARK, Hurlburt Amateur Radio Club, is now going FB. They will funcition a an independent club, meeting a MARS station on the sam nights as EARS. After bowling season they may change t Wednesday nights so we can visi back and forth. S. Sgt. L. I Wilkes, KN4CNH, is presiden of HARK. — 73 Avron Nadell W4NVW.

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(Florida That Is)

K4ILB reached for his trusty Veller. The handle was worn rom use but fit his grip like it vas made for him. He headed for he trouble spot with grim determination.

He checked all the joints one y one as he knew sooner or later e would come face to face with is arch enemy "Cole" Solder vho had been causing trouble or a long time.

At one particular crummy ooking joint, he sighted the roublemaker and called for a howdown. His gun grew hot to he touch as he triggered a teady stream of lead at the roublemaker. Then all was quiet.

As usual, "Cole" Solder melted nto his surroundings, too yellow o fight. K4ILB knew that he vould show up another day in nother joint and there was no elebrating his hollow victory. —W4TAS.

BISON

One of the loveliest little newspapers that has come to our attention is the BISON, published nd sponsored by the Indiana Radio Club Council of the state f Indiana. They are famous for heir motto, "Amateur Radio Exists as a Hobby because of the Service it Renders".

We are always amazed at their ull calendar of events, Hamfests, Auctions, Dinners, Picnics, nd even the Central Division ARRL Convention announcement n Springfield Illinois on the 26 nd 27 of August.

Now as everyone knows, someone or someones devote endless hours gathering this news and getting it in the mails. Ann Arnhelt, K9RXK and her husband Frank Arnholt, W9SIO, together with Adah Elliott, W9RTH have been responsible for this fine little mimeographed paper — a swell job, well done. Now we hear Lew Harvey, W9KT, with the help of the Wabash Valley Amateur Radio Association, are taking over the job of publishing the BISON.

Doris "Butch" Singer, K9IXD BISON Editor, and Bill Seibenmorgen, W9IHO BISON Business Manager are the King-Pins behind BISON and together with W9TQC, W9RTH, W9DKR, W9-MHP, and W9HST serve on the Indiana State Council which is doing such a good job for the hams of the Hoosier State.

2200 EST).

73 — Don, K4FMA

THE 6293

The RCA-6293 is a small, sturdy, beam power amplifier tube intended for pulse modulator service in both fixed and mobile equipment. It can deliver a peak plate current of 3 amperes during a pluse length of 30 microseconds under conditions with duty factor of 0.003 and plate-supply voltage of 2000 volts; or a peak plate current of 1.4 amperes during a pluse length of 200 micro-seconds under conditions with duty factor of 0.02 and plate-supply voltage of 3500 volts.

Small in size for its power-output capability, the 6293 has a rugged bottom-stem construction with short internal leads, a T-12 bulb, triple base-pin connections for grid No. 3 and cathode (both joined to internal shield inside the tube), and an octal base with short metal sleeve having its own base-pin terminal. The plate lead is brought out of the bulb to a cap opposite the base. (Editors note: See letter from RCA elsewhere about the 6293 and 6146 hwap.)

FROM THE PRESS

MIAMI HERALD, Jan. 24th (Call to Hams) (Sent in by W4-IMU, Miami.)

"Note to Ham radio operators: L. Curtis W. Haley of the U.S. Air Force is stationed at Frobisher Bay, Baffin Island, Northwest Territories, Canada. "When I bundle up in my 'iron gear' and parka and step into weather -44 degrees below, wind 50 knots — think of Miami and my folks at 940 Cotorro. I'd like to talk to them.

"We have a wonderful radio hame station, in charge of 'Andy' a fine airman. The call sign is K5KWH portable VE8. He operates on both 10 meters at 28,-635 and 15 meters at 21,425. His hours are 8 to 5, but he spends many more on the job. Can't someone in Miami with phone-patch capability call Andy around 10 a.m. EST?"

It's up to ye hams from here in."

DON'T FORGET

AUCTIONFEST

Broward Amateur Radio Club's fifth big Auctionfest will be held Saturday, March 11 this year in Ft. Lauderdale. QTH: Armory, South West 4th Ave. and South West 24th St. (Routh 84). Doors open at 8 a. m.

Auctioning starts at 10 a. m. with a breach for free lunch at noon. Retail rooms available for side deals. SEE YOU THERE!

73, W4NFY

CLUB RESOLUTIONS

Suggestions for your thoughtful consideration:

1. Attend club meetings as regularly as posible and keep your dues paid up to date.
2. Make every effort to participate in club projects and activities.
3. Give the club the benefit of your experience and knowledge. Don't be stamped into voting contrary to your better judgement.
4. Don't be a rumor-monger. Listen but don't tell it again unless you know it to be a fact.
5. Take your gripes to the president and board of governors; constructive criticism is always welcomel.
6. Be charitable to those whose opinions differ from your own and when the majority will is contrary to yours, lose gracefully.

(W4SDR — Ed Groundwave)

WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

Quincy: K4QDN is looking for DX on 20 & 15m. Madison: RDQ is recovering from operation. St. Joe: WEB has new RME-6900 receiver. K4RZF is planning AREC expedition to St. Joe Point. Tallahassee: GAA renewed OBS Appt., and is using 100V and 600L. K4VLE is busy lining up equipment and operators for the emergency base stations.

TARC has a new Constitution and By-Laws. KN4BSQ is head of a group to furnish Scouts with info on amateur radio.

Panama City: PCARC held a 10m bunny hunt; later RKH have a talk on construction and use of loops.

Defuniak: JOZ has taken over as EC for Walton County. OSD and HQN are putting up new antennas for DX Contest.

Fort Walton: ROM is building all-band KW rig. NVW has done FB job of editing EARS newsletter, Bandspread. Hurlburt Field Club has been reactivated, with KNCNH as President.

New Eglin ARS officers are MMW - President, RKH - V.P., IQK-Sec'y-Treas., NVW—Editor and UXW-Activities Mgr. Amateurs provided Air Force with valuable communications during recent missing aircraft search.

Milton: POY is active on traffic nets again. Whiting Club now has about 20 members, reports K8DHJ/4.

Pensacola: K4PIQ is trying RTTY. Several 6m transmitter hunts have been held. K4QOJ and K2AFQ/4 are new OO's. K4-PDF is new OPS. W4NBF, NAS Club, is adding eqpt. for SSB and Novices. K4RMO now has emergency powed set up.

IS CW DEAD OR . . .

A8QST, Mich. Mars Bulletin

Many of the present day so called "Hams" say that CW is on the way out. It is old fashioned, crude way of conveying information. It is a useless requirement set up before the days of advanced operations on phone, SSB, DSB. This is expressed every day on the amateur phone bands.

This high calibre opinion actually reflects a short coming on the part of the complainer. It certainly would seem that any capable of learning and passing the eGneral amateur exam would also be capable of learning and retaining the use of CW at the required speed.

There are some who state in effect, "I can learn radio theory that is equivalent to a couple years of formal school but I can't learn that silly buch of 26 letters and 10 numerals that I have been using all my life.

Who are these people fooling? Themselves, mostly and they would love to have you believe them. At the same time we have a guy who complains that he doesn't havet he time to build his own equipment but this same guy has all kinds of time to ragchew for hours complaining how tough it is to learn the code and what good is it? Complaining how much time it takes to build a piece of gear and he is busy gassing for hours with anyone who cares to listen.

CW might be considered analogue to walking, phone operation to riding. When a car gets stuck, it is still possible to get out and walk. The complainers who obtain their General and promptly threw away the key, might better remember the times they will have to walk. CW is no more out moded than walking. The only way you can make it serve you is to use it.

If you were to tie your arm behind your back and not make use of it, before long you would be unable to move it. The same with CW, unless you make use of it, instead of complaining about it, you will soon forget what little you knew and when that happens, look out. Perhaps CW is old fashioned, but it is a long waysfrom becoming obsolete.

(PA. "OSCILLATOR")

WHAT'S BECAME OF THE CITIZENS' BAND

(The following editorial is by Charles J. Hanusin, K9GSV, Editor of Calumet Amateur Radio Club in Whiting, Indiana. Read it carefully please.)

,"What has become of this 23 channel area that was removed from the amateur service over two years ago. It seems that these people (the occupants of the band) have gone all out to produce a "service" with strictly the operating side of amateur radio as its ideal. They have started clubs for the purpose of organization. They have gone as far as propose nets and some net activity has been heard of.

Originally designed as a medium of comunication for necessary messages such as business and personal things, the band has boomeranged into a mass of people interested in all facts of communications. A heavy clampdown by the FCC has warded off those interested in "DX" contacts, but nothing stops them from continuing in other ways. One of the biggest things indicating that they want to be as amateurs is the CB Club. Fellows who have ragchewed (like amateurs) on the air get together for meetings (like amateurs) and discuss ideas for new activity on the channels.

As stated before, they are interested strictly in the operating side of things, for they cannot use c.w., so no code practice is in order; they cannot tamper with the rig's circuitry, so theory is out, what is left? Rumors are circulating about an emergency system somewhat like the AREC, but, of course, on the citizen's band.

The FCC is rather stymied with the whole thing. They never expected the "service" to go into the system that it is now. With all the rigs in use, if they were to "kill" the band, they would certainly have a barrage of letters and angry persons to cope with as some have spent tidy sums on improving their stations.

In one way, this service is beneficial to the amateur. It is keeping off the amateur band those persons who would be just "video rangers" and would endeavor to learn the least necessary to pass their exams. The CB band is good enough for them and they don't even have to open a book to get a license. They can join a CB club and have all kinds of fun without cluttering up our already over-croweded amateur bands; and leaving them open for those who are interested in amateur radio as a hobby with theory, circuit development, etc., as an inherent and very interesting part, rather than a necessary hindrance.

"Popular Electronics, although quite on the CB side, is encouraging those interested in amateur-type activities to get a license in the amateur service. In the last issue, they published a list of amateur radio clubs (and CARC was in it, by the way), and told of code and theory classes available.

The future? Who knows! Your guess is as good as mine. If the activity continues, it could become a problem. They might start all kinds of emergency services and someone then gets the idea that they need more "channels". Off goes a letter to the FCC, and then what. Will the FCC realize that this is just a large group of persons (166,-678 of 'em) interested in talking by "two-way radio" for any reason at all? I think they will and CB will stay right where it is. For the good of our hobby, a serious and technical service, let's hope so . . . K9GSV" . . .

TALLAHASSEE ARC

TARS is in full swing for the forthcoming Field Day. Look out Orlando. Things will be different this year!

Anyone interested in working on a project of receiving, RADIO NOISE FROM ONE of our distant planets, namely Jupiter. Dr. Barrows is now in the process of building some antenna arrays and receiving systems for this purpose. I hear that the best reception time is between 12:00 midnight and 6:00 a.m. in the morning. Still interested, then contact Dr. Barrows at the Florida State University Physics Department. He would like to have interested persons help with this project. Might really be somel thing big for you guys interested in experimenting, especially you technicians.

Our Ec tells us the State AREC Plan is now complete and he has extra copies courtesy Florida Skip. Get yours from W4MLE. Keep it handy at all times.

We were honored to have George Hart, W1NJM, the National Emergency Coordinator from ARRL at our recent meeting. A very interesting talk which everyone enjoyed!

oDn't forget TARC meets at 2000 EST at Del Electronics, 227 West Carolina St. For more info call me. 73 Carlos Stone, KN4BSQ.

FLORIDORA YL NEWS

By K4PPX — Fran Adams

K4BDF — Sue has been checking into the Monday 40 meter net.

W4BWR — Ruth was the lucky one to win the radio at the Floridora Koffee Klatch at the Miami Hamboree. Ruth now checks into the Sunday net on SSB.

W4CWV — Annette has been experimenting in cooking her breakfast eggs in many exotic ways. She was tired of looking at the same old kind every morning.

K4HSC — Meg is out of the sick bed, sounds like a million. Checks into the Monday net regularly.

W4HYV — Babs. Have heard that she was in the hospital. Don't have the details but hope it is not serious. Let's hear from you, Babs. K4ICA — V. Mayree. was at the Hamboree with her arm in a sling. W4IUR — Mim is NCS for February.

K4JGU — Mildred has been checking into the Sunday net with her OM, K4CRU — Phil at the switch. K4JXZ — Jean has had her troubles too, her little boy had 3 stitches in his head. Joan has been meeting W4CWV each morning with news of K4HEG — George Littlefield (of FCC) who is in Ft. Pierce Hospital with a heart attack. Hear that he is much better now.

W4KJE — Toni has been heard as NCS of the Dixie Early Bird Net. K4LVE — Gladys' 10 year old son broke his arm and has been in the Mc Dill Hospital. He is now back home. Gladys has her picture in the Feb. 1961 C Q Mag. on page 100. Nice article too. Gladys was our NCS for January, did swell job.

W5LGY/4 Helen has been checking into the Monday net and picking up Floridora and S.H.-O.M. contacts. K4PPX — Fran has been spending a lot of time QSO-ing on her new Chord Organ. Fran and Arch are busy with the printing of the new supliment and ballots, with the help of the same sweet girls that helped us last time.

K4RCX — Jeri has been QRMed by the sandblasters and painters, your "New" home looks wonderful, Jeri. K4RNS—Marge won the CW award for East Florida in the YL Anniversary Party. Marge now has 35 certificates. She reports that W4CWV — Anette placed fourth highest of all in the Phone Division.

K4SMW — Norma has checked into the Monday net lately, don't be so scare, Norma, we love to hear you.

Our adoptee (ON4AD (ex-OQ-5IE) Janie has checked into the SSB Net.

WELCOME TO THE FLORIDORAS: Kn4NTJ Maurine, Kn-4ZXS Georgia, K9KKG/4 Rosalie, W4TQE Shirley, Kn4NTP Shirley and W4QBY Dorothea — all in time to make the new suppliment.

Thanks again to W4WYR Evelyn for the swell time at the Miami Hamboree. Here are the calls of the girls attending: W4-HRC, BWR, W4FEH FEU, WYR, CWV, K4ICA, ANR, GCT, BKN, CWV, VRV, IJM, RDX, JGU, OJD, PPX UIZ, Kn4WML and Kn4TBG. Hope I didn't miss any, hi.

EGLIN AMATEUR RADIO SOCIETY

The new year has begun an I Believe that 1961, will be banner year for EARS. The ke to success will be active partici pation by all members, not onl in club sponsored activities bu also ARRL and SKIP contest base and civic functions.

Congratulations to Pruk, W4 IQK, on the arrival of a nev harmonic, Jill Suzanne, on th 28th of December. That new ta exemption will make thos dreams of super-stereo com true.

What would it take to ge Alan, W4BVE to go SSB on hi c.w. so John, W4MMW can hea the W. Fla. Phone Net and stay in for the rag chew,

Bom, W4MTD has moved int his new shack. The shack is no complete, but we hear it has roof, walls, an operating position bench, heat, TV monitor, and 1 thru 80 meter coverage. (What' missing?)

Oddball accident of the yea award goes to Fred, K4JSJ fo this dilly. Last week Fred turned on the equipment in his shack and then was called away on ar errand, leaving everything on Upon returning and opening the shack door, Fred was envelope by an oily cloud of smoke. It seems that a high voltage transformer burnt out for no apparent reason. Careful investigation revealed that a test jack in the high voltage lead had arched to ground causing the secondary winding to blow. Moral of the story, watch out for those red jacks, they'll do it! 73 Ave, W4-NVW.

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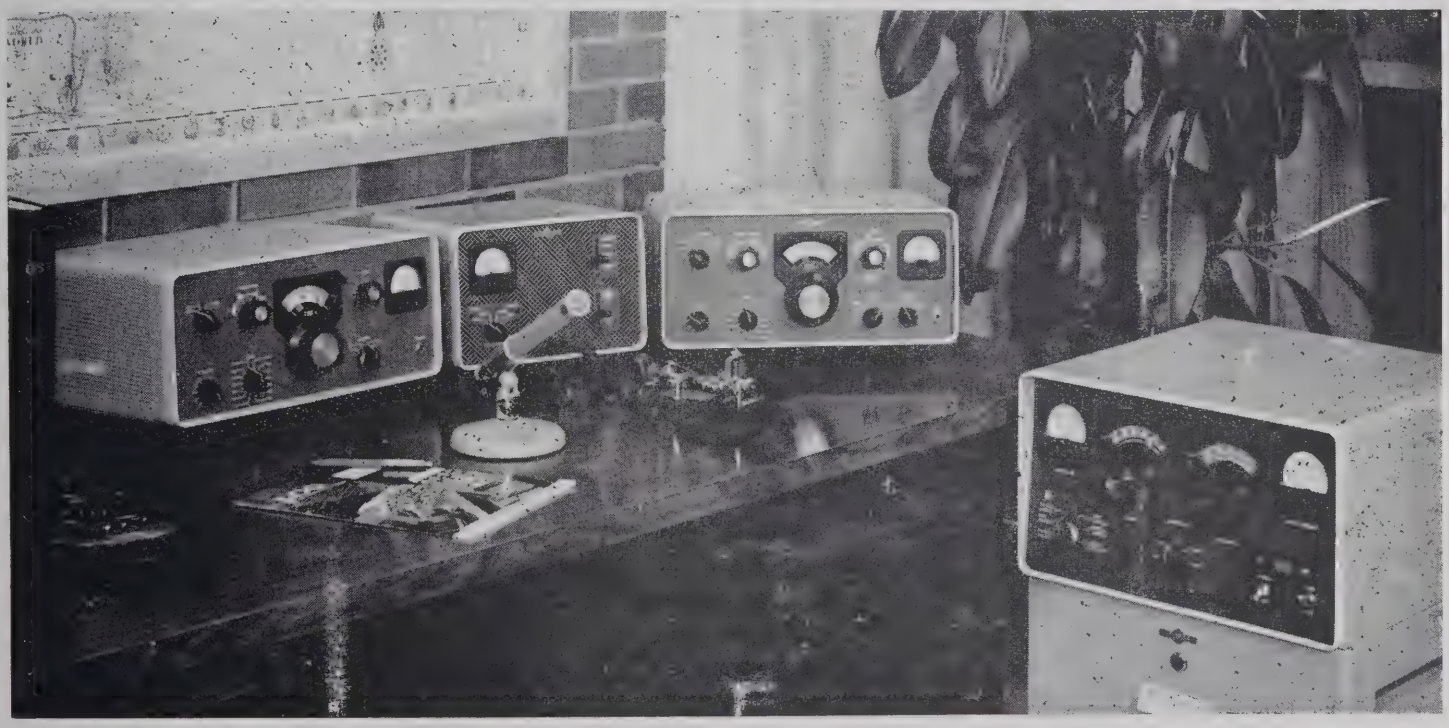

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CHARACTERS I HAVE KNOWN

On graduation day at the United States Naval Academy in 1922, a young midshipman walked out into civilian life to become a world famous radio amateur and later as a Lieutenant Commander of the United States Naval Reserve Force, organized the very first Communications Reserve of the USNR in Winter Park and later moved to the Armory Building on Main Street in Orlando, Florida.

Now, Lee, as he was known by his close friends, was a strict military man. His amateur activity, he kept rather secretive. One day he brought in a large package, set it down rather carefully on the counter (at a store where I worked,) and asked me to have Harry (4WR) look it over. As I started to open the package, he said "No—I'll leave it", "Rather people not know what it is". "Just let me know when it's ready and I'll pick it up". Well it turned out to be a home made receiver and he just didn't have time to repair it himself.

Lee was a very capable amateur, despite the above episode. He had a kilowatt homebuilt rig on 80 and 40 that would put anything in the country to shame. He built the first naval reserve station, 4NKF in Winter Park. This was the first and only three letter call in the fourth district in this day. We used to sign it "NKF—4" though this procedure was not exactly legal. You know, NKF was a famous naval station in Annipolis, Md.

Later, in 1926, Lee built the station in Orlando known the world over as NDL, later when the Naval Reserve caught on throughout the nation, the call was changed to NRRG. This was quite a rig, pair of 210's as crystal oscillators driving a pair of 203A's back to back, self rectifying, running about 250 watts.

Now crystal control was brand new in those days, having been developed only the year before. The QST handbook showed the 4XE crystal holder which Lee developed, for many years. He carried that holder in his pocket, and on occasions would grind on it in the back room of our shop. He came up with the secret formula that the holder had to be exactly 2 ounces in weight to properly hold the piezo rock in position.

These rocks were very expensive; this one cost $25 as supplied by the Central Scientific Company — you finish the grinding. Lee eventually ground a lot of them as the price gradually dropped. He was the first to use a flash light bulb in series as a srystal curernt indictaor. He was the first to use a trick circuit whereby the final was just on the verge of oscillating, and the crystal oscillator stage locked in and controlled considerable power. This was quite a trick in it's day. These old "Y" cut jobs were hotter than the later "X" cut crystals, but they had a mean habit of drifting when they were run too hard. The secret was to use them in a push pull circuit. This increased the duty cycle 2 to 1, kept the crystal current the same, and established the output beyond realization. We even substituted coins as Buffalo Nickles for the plate holders and the circuit would still oscillate. Boy, this was something.

Lee was a great antenna man. Working with close associates in the broadcast business, he came up with a center feed line antenna, which was to be re-discovered later and used by nearly 100% of the hams in those days. The early naval reserve organization enjoyed the fruits of his experimentation, though few realized he was directly responsible.

After many years of Naval Reserve organization work and ham experimenting (4XE was an experimental call), Lee joined a hospital staff and contributed much to medicine in the study of bacteria bombarded with radio frequency. To me this was a noble gesture in his busy life as a vice president of a large fruit brokerage concern. The memory of William Justice Lee, W4XE will long be remembered. World War II called, and found in Lee, their Washington Liasion USN/USNR Officer — the best. And this, ladies and gentlemen may be considered one of the highest and most respected office in the United States Navy, I know — because I was there.

The Old Timer

NEW ELECTRONIC STORE IN FT. LAUDERDALE

Lee, W4FRL new manager of Herman Electronics, Inc., advised the new store is open for amateur business at 2705 W. Broward Elvd. Phone LU 1-7170. Leo Servary, W4FRL talked to many of you at the Hamboree booth. Leo an amateur for over 20 years extends a welcome hand and advises they will have a full stock of electronic equipment. Stop by for some refreshments and look the joint over.

FT. PIERCE RADIO CLUB

Traffic! Traffic! and even more Traffic! The Ft. iPerce Radio Club had a terrific response when it set up shop at the Home Show held in the St. Lucie Conuty Armory Febraury 1st through February 5th. The booth was set up as a public relations project and, if the two hundred separate messages handled is any criterion, it was eminently successful.

Many of the mesages back home to folks in the frozen north commented on our balmy clime.

Our sincere thanks to all who cooperated so unselfishly in handling the traffic sent by our clum members. Special thanks go to members James Strange, W4-DBW and Wayman Porter, K4-NKO who generously loaned equipment for use in the booth; To Gene, Rollin, Barry, Johhny, Waymanand others who arranged the set-up — NC-two seventy and Viking Ranger along with a Collins KWM-2 working on a 75meter doublett. K4NKA, John took over half the messages. Great job. Others who helped man the booth include: K4OII, Barry; K4OJD, Janice; K4JZX, Joan; K4JZU, Rollin; SWL, Vic; K4-NKA, John; K4WRL, Paul; K4-DPQ, Gene; K4DPT, George; K4NKO, Wayman; K4ZNC, Johnny; K4RGJ, Earl; W4ILN Harold; and K4UUR, Cecil.

Naturally a number of difficulties were encountered in handling the volume of traffic — blown tubes, band closing, QRM, etc. The major difficulty was in finding people who could easily handle the traffic and carry it on otu of the state. Over 200 messages, that's a chore. It was done, though, and graciously.

One suggestion to come from the experience seems worthy of trail and passing on for consideration. Compose 2 or 3 standard messages for people to choose from. Where several messages go to a given area, the message and code number could be given, the names and addresses given along with ocde number and so on. This could cut down tremendously on the time involved. How about it. (Editor: Try ARRL No. System.)

As in the past two months the FPRC will again provide communications for the boat races in eJnsen eBach. We have been setting up one 6 meter rig out in the river, relaying information to the judges stand on the beach. There will also be another sixer set up for the pram races. Worked fine last time. Hope for even more success this time. Listen for us on 50.550.

The FPRC will again be handling traffic during the Sandy Shoes Festival. The club activities will begin on Feb. 24 with the aCttlemen's Day Barbecue where a rig will be set up for demonstration and the handling of traffic. March 3 we expetc to be at the ShowBoat, March 4 we assist at the Boat Races on the river. March 10 it will be at the Art Show and on the 11th representatives will eb at the Music Festical and iCtrus eFast. The whole club will participate in these activities.

K4UUR passes on this interesting note. Cecil reports he held contact with first aeromobile from start of flight at Randolph Field till finish of flight at McDill in Tampa. 100% Qso of 1 hour and 45 minutes and was the only one to maintain 100% contact. QSB bothered stations in other parts of the country. The whole QSO was held on 20 meters SSB. Good work, Cecil.

That's all for now.

FROM THE PRESS

The following sent in by Carlos Stont, KN4BSQ, Secretary-Treasurer of the Tallahassee Amateur Radio Club.

TALLAHASSEE DEMOCRAT — Marianna — Amoteur radio operators are making arrangements to link the seven child training schools in Florida together in case of future emergencies.

George Thurston (W4MLE) of Tallahassee has written Arthur G. Dozier, director o fthe division of child training schools that the American Radio Relay League is offering its services throughout the state.

Thurston, Emergency coordinator of the league, said "ham" operators, members of the league, had network in existence which could reach all seven institutions.

He said the system was in operation more than a week (FE-PN) during recent hurricane Donna and Ethel and superintendents could have used the system, had they been aware of it. During Donna, all communications was blocked from Sunland Training Center in Lee County to other institutions and headquarters in Marianna.

A hookup with amateur operators would have enabled the center to call in help from the nearby Florida school for Boys at Okeechobee, which escaped damage.

The other institutions are at Gainesville, Orlando, Ocala, Forest Hill and Marianna.

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BROWARD COUNTY SIX METER NEWS

By Fran Adams K4PPX

Broward welcomes two new hams: K3CZI and K4WSA — Larry. Up from Pompano way K4BZ — Al is keeping busy handleing traffic, picking up messages from the low frequency nets and routing them out on six to the whole area.

K4SLJ — Jess is a brand new granddaddy and is expecting another by press time. K4QYB — Norm has converted his old Benton Harbor C.B. rig to six and is installing it in his car. W4LLX — Tommy down on Frog Alley has sold his Sixer and is building a 6146 rig, so will be quite around here for awhile. Hurry back Tommy.

W4CZB — Clarence has a new rig in the shack and a Sixer in the Volvo that sounds like it came from a Cadillac! K4HSI — Jim is back with us. K4RCV — Bill is keeping active in the shack abuilding but still remains one of our most active on the air hams. K4RCX — Jeri is the new treasurer of the Floridora YL's, operates a lot on the low freqs but remains busy on the six.

K4RHL — Ellie and K4YBL — Jake keep the "Islands" heard from. W4CQP — Chuck has a new SX-111 of which he is very proud, sez that it is hot as a two dollar pistola. K4IJM — Maureen is back on with a very solid signal, tnx to OM K4IFI, Carl. Sure glad to hear you-all on again.

W4NUT — George has his yacht back here, but finds time to keep the air waves jumping. Going MM. We are sorry to hear that K4GON — Mike has joined the Silent Keys.

The Broward County Six Meter hams have been asked to furnish the Traffic Link between Home Show in Ft. Louderdale to the regular low frequency nets to handle the many messages sent by the visitors.

SELDOM HEARDS: W4FNR, W4FQS, WHGT, W4IMZ, W4KKV, W4LPR, lots of Zinns, K4HIL, etc. Lets get off the list, we want to hear you-all.

MUCH HAM

F.C.C. released the following figures on NEW amateur radio licenses during 1960. Here is how they break down: ALL NEW 31,488, NOVICES 19,964, TECHNICIANS 6,8893 and "NET" 12,-524. The actual total of Novice tickets issured in 1960 is 21,355, but 1,391 of them were also new Technicians and are tabulated separately to avoid double-counting. What was that remark about QRL?

FLORIDORA YL 6 METER NEWS

By K4PPX — Fran Adams

K4ACF — Nancy has had her mother visiting her from the cold W. Va. W4FEU — Ann reports that W4GON — Mike has joined the Silent Keys. Mike has attended many Gold Coast Dinners.

K4IJM — Maureen had finally rejoined us on the air, sure is nice to have you back. FB signal too. K4PPX — Fran has been helping Al — K4BZ in handling messages to Hollywood and Ft. Lauderdale area.

K4RCX — Jeri's new home sure looks great. K4RHL — Ellie had visiting hams from W1 — land. W4TQE, Shirley is our newest Floridora. She sounds swell and has been checking into the Tuesday morning net.

K4ANR — Ruth in Howey-in-the-hills says the Central 6 meter net is still going. Ruth is expecting it to grows as a few novices in her area are planning to take a Tech exam. Good luck, gals.

Don't forget to VOTE!

Happy Birthday Floridoras

March 1 — W4JCR; 3 — K4-RED; 5 — W4GGQ; 9 — K4LCD; 10 — K4ANR; 15 — K4IDQ; 18 — W4LIC; 26 — K4PVT; 26 — K4VRV; 27 — W4PXY.

FLORIDA SKIP 50 MC HONOR ROLL

		States	Countries
W4KKU	Miami	48	
W4GJO	Sarasota	48	23
K4HNS	Miami	48	12
W4CQP	Hollywood	46	26
W4EQR	Pensacola	46	
K4HIL	Pompano Beach	46	17
W4FNR	Ft. Lauderdale	45	19
W4QN	Orlando	44	
W4RMU	Jacksonville	44	17
W4IUG	W. Palm Beach	43	14
W4HZG	Hialeah	42	12
W4AYV	Umatilla	42	
K4QHN	Sarasota	42	
K4GKL	Miami	41	15
W4LIP	Miami	41	
K4QXB	Miami	41	
K4PPX	Ft. Lauderdale	41	6
W4FBL	Jacksonville	40	12
K4SCS	Miami	39	10
K4HSW	Miami	38	9
W4CIL	W. Palm Beach	38	5
W4EHV	Miami	37	
K4KUY	St. Pete	37	
K4DMB	St. Pete	37	
K4MVJ	St. Pete	37	
W4AKB	Miami	37	5
W4MBJ	Jacksonville	37	
K4QQE	Ft. Lauderdale	37	6
W4GWF	W. Palm Bch	36	
K4AGM	Pensacola	35	
K4DZP	Hialeah	35	
K4UGA	Hialeah	35	5
K4RKV	Hialeah	35	5

NOTICE CHANGE OF NAME

To whom it may concern:

This is to notify you that the trade name of Walder Radio and Appliance Company of 1809 N.E. Second Avenue, Miami, Florida, has been changed to Walder Electronic Distributors Company, as registered with the office of Secretary of State, amended October 12, 1960 No. 12832 A.

Jack Schneider
Vice President

UNIVERSITY OF MIAMI ENGINEERING EXPOSITION

The University of Miami School of Engineering held its annual exposition in the Engineering Building February 24, 25 and 26. Included in the many displays was a comprehensive set-up of emergency communications as planned for Dade County.

Two ham stations were in operation at the booth to handle messages any of the many visitors wished to send by amateur radio. The South Miami Radio Club call, K4JVA/4, was the designated call and and all equipment and displays were set up by members of the club. A B&W 5100 — 75 — A3 combination was used with an all wave trapped dipole. A "GHP" Special SSB transmitter — HQ-110 combination was used on 20 meters with a dipole cut for 14.30 mc. A thirl receiver provided monitoring for the public to hear what was going on and for explanation purposes. QSL card and certificate displays added color to the whole affair. Two communicators provided contact from the entrance to the display area.

The exhibit attracted much attention from the visitors most of whom learned for the first time what is being done in this area toward planning and training for any comunications emergency.

Dave Narrow, K4AG, who is RACES Radio Officer for Dade County, spark plugged the exhibitand furnished much of the equipment used. A large map prepared by Bob Watson, W4-DTV, showed the coverage and relationship of Police, Fire, RACES and Red Cross communications systems. The new micro-wave set-up was explained showing the part it plays in the overall picture.

We wish to extend our thanks to the many people who worked to make the display possible and especially to Dean Lucas, W4-KES, for his whole hearted cooperation.

73, W4ELR

SCMs CORNER

Before proceeding with an specific topic on the birth of thi column let me explain its' pur pose. In this spot each mont I will attempt to bring light fron drakness on various subjects per taining to ARRL activities. Al though I will have available large number of technical advi sors I will, at times, stick m neck out and attempt to explai something on my own. Anyway I hope that what appears her will be of some help to man readers. If I happen to be wron please argue with me — I lov it and never fail to learn some thing from it. Unless I receiv letters, postcards, radiograms carrier pigeon, missiles, etc posing questions and problem I shall be forced to pick a sub ject at random based on the re ports from my underground or ganization so please don't hesi tate and all that stuff. Seriously we intend to be of as much hel as possible. Those question which cannot be answered in thi column will be answered as muc as is humanly possible by per sonal letters or by other article placed elsewhere in Skip bu please fellers remember tha there are other ARRL official that could have your answers Remember my aching back.

73 — See you next mont with sumpin.

"Ham" K4SJH

FLORIDORA ACTIVITIES

The suppliment and ballo should have been received b now. Remember that March 31s is the deadline to get the ballot in to K4OYB — Vivian. Don' forget that every vote counts.

We have now issued Floridor Certificate No. 149. XE 1 OE Tad was the first DX station t qualify on Six Meters. Tad work ed into the Lower Gold Coas gals to get Certificate No. 146.

Our thanks to W4WYR — Eve lyn for the fine Koffee Klatc and beautiful cake for the Floridoras at the Miami Ham boree.

Our next get-to-gether will b at the Orlando Hamfest an ARRL Southeastern Convention April 7-8 and 9th at the Cherry Plaza Hotel. K4UIZ — Ev wil entertain the girls at her hom to celebrate the Floridora YL Birthday Party. Sure hope tha many Floridoras are planning t go as Ev says that plenty of ac tivities are planned. Our annua election will be held at this time

CHARACTERS I HAVE KNOWN

Jack is not his real name, ough everyone used to call him such. To say he was a ham ould be putting it lightly, for ere never was a ham like him. e made grade school with some fficulty. Night school was even ore so — for I was there!

Now Jack was no fool, he had s own ideas on how things ould be done. You might con- ct up a couple mercury recti- er tubes and have a power sup- y. Not Jack, he would get a st aluminum pressure cooker, mp in a little mercury, insert ree firing plugs ,attach a re- igerator pump in reverse, pull- g a vacuum and he would have three phase homemade recti- er tank alla Westinghouse. You ight be happy with a special erce crystal oscillator circuit. ot Jack, he would wind up with ree or six tubes in push pull, ree phase, and by criss-cross- g the grids he come up with ree phase RF. You might be ppy to own a motor cycle. Not ck, He not only had to own e but ride it standing on the at!

So that was Jack, nothing oo mplicated but he would dream ways to make it even more so. remeber discussing three phase tennas with him one time and ound up building a push-pull tenna that really worked. One ght at 10 PM he knocked on e door and says lets go over B.H.'s house. Being single at e time, this was not unusual. hat was unusual fas that the ree of us built a 500 watt rig at night, a pair of UV-204-A's, d had it in the air before day eak! Yep, Jack was always ark plugging some new circuit something. Funny thing what ck lacked in math, he made up th natural horse sense logic.

Many years ago, on just such midnite siestaas the rig build- g episode, I witnessed a re- iver demonstration I will long member. Using four 6L6's in special push pull phase buck- g circuit, requiring two or ree watts of BFO to stabilize. ck demonstrated a detector rcuit in which CW signals come nding through, adjacent chan- l interference appeared invert- and therefore unintelligence. n you imagine the thrill of aring a vicious hetrodyne dis- pear without the use of fil- rs? Although sideband tech- ques are not new, Jack had a leband circuit with controlled ss band characteristics long fore famous 75A series. Con- lentially, I stand to reap a for- ne from my little one third terest in one of his brain-storms. It might just be the one mentioned above.

Jack has had his trials in life. Being on inventor genius at heart, it has been hard to knuckle down to a work-a-day existance. So as a result, I look back and see Jack holding one job after another. Once a refrigerator repairman, a radio service man, airline radio employee, ship radio operator, shore station radio operator (big one up in Tuckerton, N. J.) and many others too numerous to mention. He even went to Michigan State University a couple of years between ships so this might explain why he turned to the sea for a living. Though, even now, I recall that he did make a couple of trips as an ailer an a tramp out of Miami when I first met hi mmany years ago.

Few will remember the old Biscayne Radio Club of Miami, club house was a two story office building in a boat yard adjoining the 12th Avenue bridge an dthe Miami River. Jack was President and Chief Engineer. We even had an Erison Electric Automobile for club use, and hurricane emergency power. I vividly remember all the members and but for Jack, wonder where they are today.

I hear from Jack every two or three years. It seems he has settled down now as a commercial cw radio operator, but I so well remember the every Sunday morning CW schedule on twenty meters with B.H. and R.C. in which Jack might report in from any point in the world, much to our surprise. — And this for over 12 years. Yes, I do believe, if I tuned up on the old frequency he would answer today! Anybody heard W2AON lately?

THE OLD TIMER
(Author Unknown)

DX IN FLORIDA

There are some who will insist that for the past couple of months there has been no such thing as "DX in Florida". However, we can assure you that the bands have not been nearly so dead as they seem.

W4DQS is now sweating out a oZne 23 fone qsl from UA3-FE/0 for a SSB qso. Dale was lucky on KH6ECD, a new DXCC sounter on Kure Island. This spot, northwest of Midway, is actually one of the Hawaiian Islands, but by established DXCC rules it counts separately.

There will be more activity there during the March ARRL Phone Contest. Dale was also johnny-on-the-spot for FF4AL in the new Ivory Coast Republic. W4DVR has found 21MC wide open during the breakfast time hours for all sorts of goodies in the Asian area, all via the long path.

W4CKB and K4LRA have a rarther long list of new ones to add to their DXCC totals. K4-LRA found conditions so good that he had an excellent phone qso with ZK1AR for well over an hour. W4POH was scrounging for a qsl address for VS9-MB in the Maldives — K2QXG is his qsl manager. W4OBA found KW6 not too hard to work if you are at the right place at the right time, which was 14 CW at about 0300 G.

W4LVV had a very interesting qso with UAOBP, SSB to CW at 100 GMT on 14 mc. Ros was calling CQ SSB, getting some practice in receiving before the day he will have SSB equipment — soon, he says. Ros says UAOLA is quite active on 14 SSB for those looking for Zone 19. HM1AP puts thru a fine cw signal on 14 CW for those who don't mind staying up until 0900 GMT.

W4EEO is very close to the 200 confirmed mark — just one to go. By this time Jim may be over the mark with some to spare. K4PDV had lots of company in missing KH6ECD and FF4AL. Bob thinks dxpeditions always coincide with his downrange trips.

Watch for Fla. dxer W4DQS at Malpelo and we hope everyone was successful with VU2NRM in the Laccadives. Raju was on his way as of deadline time. 73 & c u next month. W4LVV.

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HQ—170	RANGER	NC—400	GONSET GSB-101
HQ—180	10m Trans-cvr	HRO—60T	
	6N2 Converter	VFO—62	

VHF IN FLORIDA

Allen A. Engleman, WW4RMU

VHF activity continues to grow in this state. Many new stations have appeared on the scene this past year. Miami area alone can boast of over 300 on 50MC, and 144MC in that area is not far behind. The central part of the state has kept pace with the southern part. There is also some lecturers in the western section, but the northern part has shown little if any increase. There are only about six active 50MC stations and only one 144 MC station.

A large number of these newcomers to the VHF bands do not as yet realize the advantage of horizontally polarized beams, for working DX. This is an old story but with each crop of new comers it has to be told over again. So when you begin to grow tired of working the same locals try putting up a good horizontal beam and reach out 100 or so miles and make new friends. It is quite surprising if you haven't done it before.

SSB is rapidly growing in popularity with the Miami area again taking the lead. They have SSB on all the VHF bands up to and including 220MC. W4LIP and K4IFI had what was probably the first SSB QSO on 220 MC in Florida. W4LIP has long put an SSB sig into Jacksonville on 50MC as K4IFI has done many times on 144MC. These are only two of a number of SSB gang on VHF in the Miami area. W4GJO and K4QHN are a couple of the SSB boys in Sarasota. Then there is W4AYV, Umatilla, who was probably the first SSB VHF station in Florida. He is putting out a hefty signal on 50MC these days. If you are interested in working the limit on extended ground wave try SSB . It is second only to CW and runs a fairly good race with that.

K4QHN reports that he's running 600 watts P.E.P. to a pair of 826s on 50MC SSB. He reports working K4OCK and W4AVY on SSB. We have a report that at least on KP4 is on SSB and and that is KP4CK.

K4VNA, Daytona Beach and his XYL W4IUR have six meter transceivers and are putting up 6 element beams. Others in that area putting up beams are W4-NVV, W4BRP, K4UJW, and K4-ANR. The local gang in Daytona Beach generally work around 50,160. iWth activity like this springing up over the state prospects look better for state wide net. Don't forget the state emergency frequencies are 50.250 and 144.250.

With the coming of spring VHF activity should pick up and prospects are good for the biggest year yet activity-wise in this state. L44MC is already waking up from its mid-winter sleep and stations are beginning to come in with booming sigs.

QFN

ALL FLORIDA CW NET

So many things have happened since the last SKIP that nothing will surprise me any more.

First of all I suggest that all members of QFN secure the new "State of Florida AREC Communication plan" of which QFN is a part. Work on this was done by two Net members Andy — W4IYT, SEC Eastern Florida and George — W4MLE, SEC Western Florida. This is a fine plan and everyone should become very familiar with it.

As I mentioned last month, plans were under way for a late session of QFN. On Feb. 1, at 0300 GMT(2100 CST — 2200 EST) the first late session was started. We hope it will become a big success as early QFN.

Be sure when sending your QNS to K4UBR to include the date and the time when you NCSed.

Hope everybody received the QFN bulletin. If not get in touch with K4UBR and get it straightened out.

Congratulations and bouquets to Lee-W4ATA and George-W4MLE on earning a 4RN Certificate.

They said it couldn't be done! I thought after last month that that we were lucky to have even heard a Jacksonville station on 80CW. In the person of W4WHK. Now we have W4BTO from (believe it or not) West Palm Beach. To really put the icing on the cake W4RP in Orlando also checked in. Other newcomers are K4ARK, Tallahassee, K4BHL, Ocala, K4DYG— Tampa, K4-EHC — Lakeland, W4IJK — Pompano eBach, and K4ZXX — in Alabama. We hope you fellows will make both early and late QFN a habit.

December report — QTC 810 with K4CNY top QNI. January report — QTC 316 with W4ARV and K4FMA tops in attendance.

That's all for this month, keep the news coming and don't forget to pass the word around to give QFN a try. We will QRS for anyone. QFN meets daily on 3650 Kc at 2330 and 0300 GMT (1730, 2100 CST and 1830,

FLAMINGO NET NEWS

By Walt Dixon W4DWN

Hi again! Time shore do fly, here it is column time and I don't know where to start first. Never did report the new officers for the net. As reported in this column a General Meeting was held January 21st and new officers were elected for 1961. Our new Secretary Treasurer is Moe K4-DJW, our new Activities Chairman is Paul K4YSS and last but not least is Walt W4DWN who was reelected for a second term as NCS.

The Net wants to thank Evelyn W4WYR our retiring Secretary-Treasurer for the wonderful job she has done over these several years. Without her able direction and assistance I am sure the Net would not have been quite so enjoyable. Also, a "Well Done" from the Net to Jim W4NJM the retiring Activities Chairman for the very fine job he did in handling the various activities and contests. Our new Secretary and our new Activities Chairman have some pretty big shoes to fill I can tell you. Also I think congratulations and thanks are in order to the various people assisting Evelyn and Jim.

The Net is now rolling along well into 1961 and we are all anticipating a event filled year. The dues are now due and payable and should be sent to Moe K4-DJW at his QTH of 1136 SW 74th Court Miami, Florida. The Dues are $3.00 per year. At the general meeting it was decided that Dues paying members would be called first in the roll call. This was to give added reasons for paying one's dues.

Dora K4CYF feel and broke her left hip the other day. After a operation at the North Shore Hospital she is now at home recuperating. I know that everyone in the Net hopes that Dora gets well real soon.

Bill K4KHS let word slip out that he got himself a new Mosley TA-33 Jr. beam. Nelson K4GSD has put himself up a new 20 meter beam and is using his Adventurer with it. Claims he is getting good reports with only 50 watts. Also Nelson is one of the boys hat won quite a bit of prizes at the Hamboree.

Randy K4YNO won himself a HT-40 Hallicrafters transmitter at Electronic's Treasure Chest drawing. Also Randy reports that he is building up a fone-patch. Warren K4JJU is building himself up a scope per Jan. '61 QST.

Jake K4PSB says that he has been bit by the SSB bug and is thinking about getting an SB-10 to go along with his Apache.

Was sorry to hear Bob W4MVF had a slight heart attack. It was not very serious though. Going to have to wach your step Bob

This about does it for now Hope to meet you all on 29.04 mc. every Friday evening at 7:30 p. m. for a evening of fun and yaking. Get away from that ole "One-eyed Monster" and come join the gang on 10 meters you will have a ball.

73, Walt Dixon W4DWN

SILENT CARRIER

Reginald "Reg" B. Tompkins W4ANR of Zephyr Hills, Florida signed out of his last QSO on Friday, aJnuary 28, 1961.

As sure as there is a hereafter Reg is now operating a full gallon on a QRM or QRN to spoil his QSO. His beam with an infinite number of elements is operating in all directions with unlimited front to back gain. Every CQ brings an 59 plus answer from a rare DX station or from one if his many ham friends who have preceeded him to the land of perpetual band openings He no longer has to limit his contacts because time, equipment failure, band conditions or his desire to let all have a chance to work the rare one.

With none of the limits this mortal life imposes Reg is sure to complete all his unfinished QSO's and be there with a friendly call of this is W4 Able Nancy Roger for each of us as one by one we break his QSO —Elmo, K4YWJ.

MARS BC-49

As a MARS member, is your operation on MARS frequencies as good as you can make it? Could it be better? Would a little more study in your MARS manual clear up some doubtful points? Your answers to these questions may be more important than you think.

The following is from "The Amateur and the Army" by A4-FZ, November QST. "As a member you will be using certain military frequencies set aside for MARS. Thru this you will be representing the Army and your country. You will be watched by other amateurs who will have the right to expect professional techniques to be used on MARS frequencies".

If you feel certain that you measure up to the ideal expressed above then your job is to help other members measure up also.

A HELPING HAND — PLEASE

I am writing to acquaint you 'HE FLORIDA SKIP readers vith a situation with which we f the LAKE WALES AMA-'EUR RADIO CLUB are con-ronted.

You may have heard of the light of our fellow man K4-HJV. John is unable to walk. Ie only has very limited use of is arms and hands. From time o time we have heard of in-tances where a "ham" was an nvalid or had some serious hysical handicap but John has ll of these and is totally blind. Jntil some two (2) years ago, ohn lived with and was cared or by his aged mother. John vas as happy as anyone in his ondition could be expected to be nd was real good company any-ime. Indeed, it is very possible hat many was real QSO'ed John ad no knowledge of his physical ondition. Certainly he never omplained or asked for any avors. The one big contribut-ng factor to the shortening of is long hours was ham radio. say WAS because the ham adio part is now in the past or lmost so. The LAKE WALES AMATEUR RADIO CLUB of vhich John is a life-long member, provided him with a surplus rig converted in such a manner that he could operate it. With this rig and a modest receiver, John was able to spend many hours with his friends on 40 meters. Everything was fine and then suddenly the blow came. John's mother passed away and with no one to care for him John was placed in the county hospital at Bartow, Fla.

The loss of his mother, new unfamiliar surroundings, his close friends eighteen miles away and the loss of ham radio, his chief contact with the outside, his moral was dealt a staggering blow.

During these first weeks and months, we did what we could to bolster John's moral but with depressing results. Our progress was very slow but after a time we were successful in getting a two (2) meter rig placed in his ward. This rig was actually built into the receiver and was of necessity small due to staunch objections from the hospital management to any equipment regardless of how small it was. This rig permits John to QSO Bartow and Lake Wales stations but due to it's low power isn't really effective. It is a poor compromise for ham radio as he used to know it, when surroundings were much more pleasant. Any equipment used for John must be compact and therefore the old converted surplus gear is unsuitable.

We have been working on an idea for some time and are now ready to present it. We want to provide John with a new "store bought" rig that will permit him to work all bands with a fair amount of power. We have selected the new Gonset G-16 am tranceiver as the equipment best suited to the conditions.

Here is where FLORIDA SKIP comes into the picture. The LAKE WALES AMATEUR RADIO CLUB has a roster of only 15 members. **We earnestly solicit the aid of other clubs and hams and must have it if we are to do this thing for our fellow ham John K4HJV.** Hams are noted for their unselfishness and willingness to help a friend. Amateur radio has a reputation of always producinb in a time of need for those who are unable to help themselves. Here is a real opportunity to help a very deservinb person, not someone over on the other side of the U.S. or in some foreign country but a fellow amateur right here in our midst. One that we can really da a great service for and when you work him on the air you will have that real satisfaction that comes with the realization that here is an accomplishment that you yourself helped bring about.

If each of you could visit John you could not help but experience the feeling that you have a great deal to be thankful for and that it would help a lot if there were just something you could do for him that would help John. The next time it might be a member of your club that needs the help. We think it would be a terrific idea to promote a continuing fund for this sort of thing and are giving a bit of thought to it, but for the moment we are concerned with getting John re-acquainted with his old buddies and giving him a new lease on life.

Any and all donations club and individual will be acknowledged. We need a minimum of $350.00. The Lake Wales Amateur Club with only 15 members will start this fund with $50.00. We will make the installation of the equipment. So come on fella's, kick in and lets see how quick we can get John back on the air.

Wes Browne W4COZ

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FORT MYERS AMATEUR RADIO CLUB NEWS

The FMARC is planning a social event for the near future, probably a dinner such as was held a year ago. Interested members be sure and attend the next meeting where plans will be made.

The booth at the Southwest Florida Fair was again a success this year. WINK TV and radio donated the booth to the club. Mesage handling was featured again and several hundred pieces of traffic passed. The local Civil Defense organization shared the booth with us and had a nice display and passed out literature on CD. Our thanks to all those who worked hard to make the fair project a success, and to the traffic nets and individual Amateurs who helped us get out the traffic. We hope we made some friends for Fla. Skip also, with several posters and sample copies of Skip being featured, and all traffic was written on Skip mesage blanks. (Bless You! AC)

At the January meeting of FMARC our good friend from up Punta Gorda way, Marion W4-KLP/4, also known as Commander Taylor, gave a very fine talk on his war experiences in the South Pacific in WWII. He was a comunications officer who was taken prisoner at Corregidor, and survived several years of Japanese imprisonment. Among other feats he told of building a radio receiver out of "borrowed" parts, and hiding it right under the enemy's noses for some time.

Local Spatter — Congratulations to Lou, W4PJG and XYL Becky on the arrival of baby boy in February. Lou has just moved into a new home and is back on the air in style from a custom built hame shack room featuring, a home built console, elaborate power wiring, intercom, new E-Z Way tower, etc. Does your SSB sig ever key that garage door opening receiver, Lou?

W4BSW has a new Valiant Xmter and HQ-170 receiver, but we hear that son Herb, W4KET, borrowed the 170 for the DX contest. Herb is using a vertical ant. now, and feeding his trap tri-band beam with open wire. He is a real experimenter when it comes to antennas, and it must pay off if his country total (with 100 watts) is an indication.

WBTX/4, Ralph is visiting in North Ft. Myers, and puts out a iice sig with his Ranger.

Hear W8CL, Roy is on the sick list again. Get better soon, Roy.

W4LNE was a big gun in the phone DX test with his KW SSB signal, but Mick reports slim pickings this year. K4UHF just made it on the air in time with his new KW final for the Contest, and sez he did pretty well, in spite of low plate voltage due to line drop.

K4ZIF is back on phone after fixing the modulator. Son KN4-UVZ is preparing to give the FCC examiner another try soon. Good luck, Tracy, we know you can make it.

Well, that's abt 30 fer nw as the boys who talk with their fingers say. By the way, why not get back on CW once in a while so you won't feel so darn guilty when you renew that license? Bet you will find it a welcome change of pace, and if you do it often enough might even get to like it. CU on the low end of 40 or 80 sometime. 73 till next month. Ken— W4SMK

F.M.T.N.

Tip Curran, W4GJI

You know, it takes an enforced few days here and there away from the net to make a guy realize what a swell outfit it really is. Those who care whether this lad is present or not each day will surely know that it is through no choice of my own that I have taken up absenteeism after a near perfect attendance record over some years; and those who know me real well must be full sure that anything that gets this lazybones cracking before noon should be more than a labor of love. In any case, it has been swell the way the troopers came forth when wholesale defection hit the NCS department all at once. TAS, ENW and LVE sure stepped up to bat. Of course Hank's used to daylight hours but it took eGorge a bit to get away from his teatime habits. AND that gal Gladys! Well all you got to do is listen and you'll hear that peach blossom training just roll out. Yes, sir! We've got a fine net, but the best is only as good as its controls and we sure got them in spades.

While we are on the subject of the net, let's ruminate a bit. We all know that on the whole amateur comunications during the Donna affair were somewhat bouleversay to say the least — I can't make the E aigu on this here machine. Ten years is a long time and many new faces have come into the pic since the days when an AREC net was so used to storm alerts that discipline in operation were second nature. Good manners in day to day operation on a net make for smooth coordinated effort and accomplishment of effective and disciplined traffic handling under stress. When that QRRR sounds from now on them that gets nuisancy is going to find that the RI can get nuisancy too. The new plan that the SEC put out on the back of the recent SKIP is worth a careful study. When an emergency net is properly formed up even with the first nucleus to report it should swing into action just as easy as its daily counterpart. The NCS has got to run a tight net and keep it that way, the bars are down on many things in order to expedite and this habit of drooling out a load of call signs is a stupid waste of time unless requested for some very pertinent reason after original specific ident. Many AM operators are so used to the oh and ah and wellerrr type of holding the air type of blarney that it gets into their habits so deptful that they even take time to belch on the air. This is for the birds and the past. Smart ops have used break in operations on AM for a long time and on SSB there is no other way of course. Maybe these guys have their home phones fixed with a lock out so the guy on the other end can't break in with a word here and there. Mama Mia.

In any case, there is a rumble that CD is going to get settled down to some form of definite plan at last and it's about time that was some idea of who is going to what when and what goes with the AREC and the RACES and all that jazz as JKF says. We'll report what we hear where it concerns us and the SEC will no doubt have a word about any promising activity. Just remember that a good daily net is a top disaster group without a hitch.

Marge, if you want to tell that Texas Guinan anymore you can say that we had four scopes on her the other Wednesday and she drew a solid flat line on the envelope for four hours and drove us all away 5kcs on either side. She may have a scope but she's like me with a chinese book — I can't read it.

May your tubes run cool . ! !

Yes Sir! He never made a mistake in his life!

And come to think of it, can't remember anything he ever did.

So if you don't try, with failure staring you right in the face,

How you ever going to know if it was worth while?

FLORIDA SIDEBANDERS

This past month has seen a lot of changes in the Florida Sidebanders. First of all the new officers, elected for the next six months tok over their offices. They are as follows: President, W4DKJ, Art, Fort Myers; Vice President, W4GJI, Tip, West Palm eBach; Secretary, W4-RML, Cliff, Chuluota. Due to unfortunate illiness in the family Art, W4DKJ, has had to resign his post and Tip, W4GJI has taken over as President.

A total of 14 members of the Florida Sidebanders checked in with your reporter during the Miami Hamboree. Many pleasant "eye-ball" QSO's were experienced by us all.

Lots of new calls heard on 3940 KCS the past few Sundays, among them; K4EWB, W4ANH, K4HCD, W4MMF, W4ZFO, K4-LXX, VE31M/W4, W4YFW, W4WHF, W4LZD, W4JGT.

Bram, W4IWM has been appointed as Program Chairman for the next six months. W4NIR, Lloyd and W4UWW, Wally were appointed to assist on this committee.

Three regulars on 3940 KC have qualified for their Florida Sidebander certificates. Congrats to Cliff, Ray — W4BNE of Tampa, Fla. No. 44; W4RML of Chuluota, Fla. No. 45; Larry — W4WHF of Sarasota, Fla. No. 46.

Good to hear W4JE back on SSB.

oJin us on 3940 KCS. Thats the limit of my balanced modulators this month.

Burt /W4CNZ

STRANDED BOAT AIDED BY AMATEUR RADIO

By W4UHF — Rol Scott

On Saturday, February 11, 1961, W4OOZ, Al, was working on a portable whip for his "Sixer" in his shack. He heard a call asking for a land-line connection to MacDill AFB. W4OOZ gave him a call using the new 58" whip he had just completed, and operating from his shack in a bed-room, and was informed by K4DWN htat he was without power and adrift with four people aboard out in Tampa Bay about 2½ miles southwest of MacDill Fishing Camp. Al called the fishing camp and a boat was dispatched to the rescue. W4REJ, Web was "reading the mail" and helped monitor the frequency until 12:15 when K4DWN advised that help had arrived and things were under control.

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6BE6 — 1st Converter
6C4 — Local Oscillator
6BE6 — 2nd Conv. & Crystal Osc.
6BJ6 — I.F. Amplifier, 262 KC
6BJ7 — Detector, AVC, Noise Limiter
6AW8 — BFO, 1st Audio
6AQ5 — Audio Output

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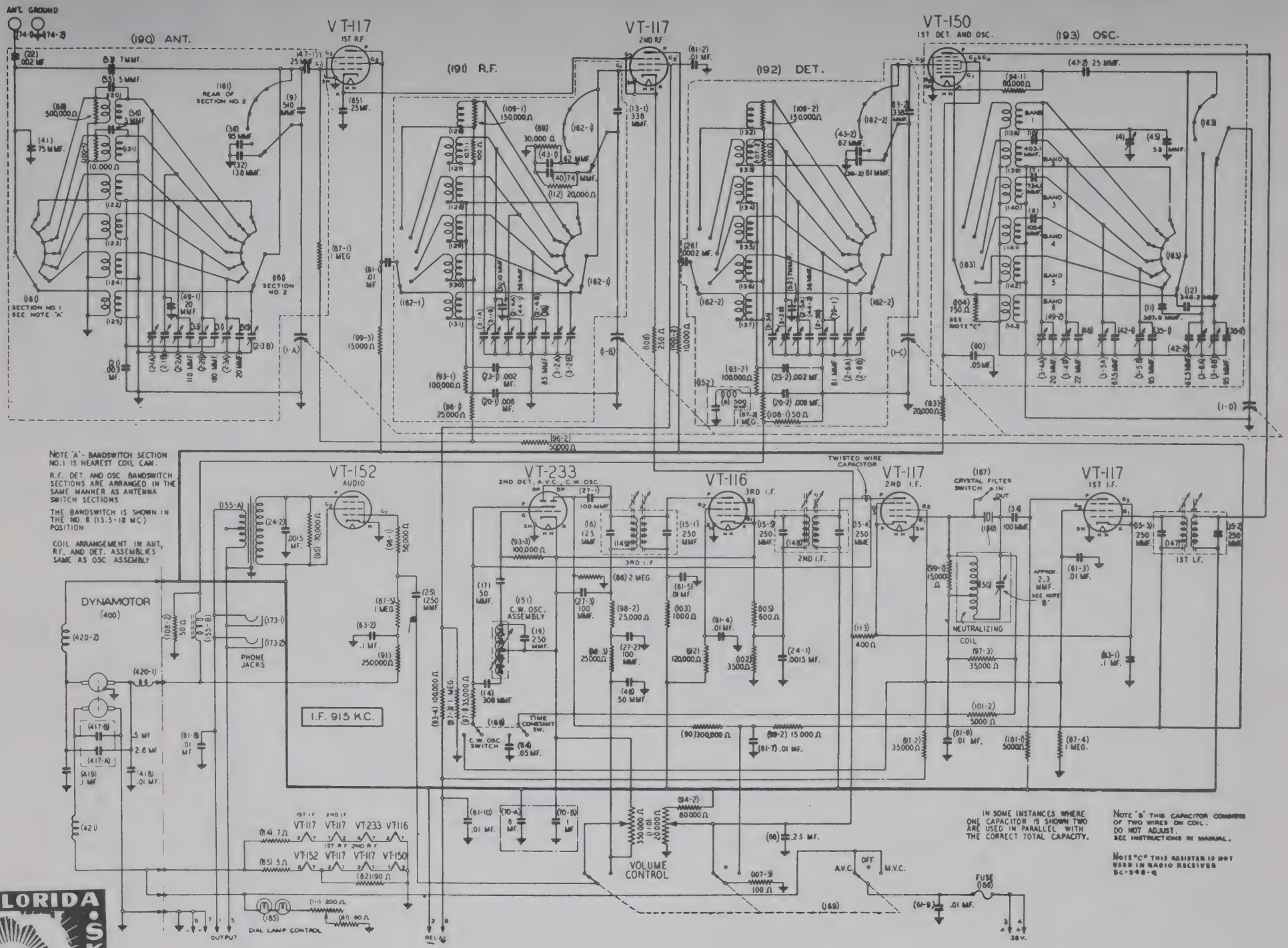

FLORIDA SKIP

Radio Receiver BC-348-J, Schematic Diagram

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any item listed in this column.

This column is FREE to any Licensed Radio Amateur. There is no limit to the number of items an individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

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FOR SALE: Complete set of Traps for a Hy-gain Model TGS-3. 10-15-20. Beam plus Triaxial Gamma Match Unit. Will supply beam element diminsion. Price F.O.B. $12.00 Ivan Anderson 432 - 3rd Ave., No. Naples, Fla. K4CA

FOR SALE: From estate of late W4KHK. Hammerlund HQ-120X with DB-22A preselector and speaker. Homebuilt c.w. transmitter, four 866's in power supply with 6146 final, Meissner Signal Shifter model IX. BC-221-Q, serial 3437 frequency meter with 110 volt power supply and calibration book. Signal generator Heath G-5. Aural signal tracer, Heath T-3. Tube tester Heath TC-2. Weston voltmeter. Heath Drid Dip meter. Bug and hand key, ear phones, voltmeter Weston portable O-30 V. DC Ampere meter Westinghouse DC 0-1000, - 0-2000, 0-4000. Field strength meter. Dynascope delux 4 inch telescope. Phone XYL W4KHK, Mrs. G. Hoffman, MO 7-3597 or Russ Burks K4BCN, CA 1-0285.

FOR SALE: DX-100, $175.00. SX-43 and R-44 speaker $75.00. Walt Johnston W4TKE, 5426 South Bend Circle, Jacksonville 7, Fla. Phone EX 8-7396.

FOR SALE: National NC-183 with matching speaker. Has 6 meter band. Clean and excellent condition $175.00. BC-221 freq meter and 110 v.a.c power supply with orig cal book. $60.00. 24 hour GMT, Official US Navy ship's clock, black, 8 days, perfect for keeping log in GMT while shack clock remains on EST. $20. Gonset III, two meters, with antenna, cable for 6 or 12 vdc or 110 vac operation, instruction manual, spare tubes, in perfect condition $195.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs TU 8-3874.

WANTED: Collins 51J4, 75A4, Hammerlund HC-10, Drake 2-A or HRO-50-T. Paul B. Weiss W4GMO, Route 1, Box 314W, Tallahassee, Fla.

FOR SALE: Advance Coax relay 28. B&W T-R switch Model 380, perfect for c.w. break in or SSB $18. HARRIS Microvoltar Model 18-FS No. 419, 14 to 235 Mcs. $50. 30 foot antenna mast, steel, in 3 sections $7.50. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

WANTED: All OT's (25 years or older) please send amateur radio back ground in brief outline story to Skip Feature Writer, Hank McMurria W4TAS, 3200 Ave. "A" West., Bradenton for the column "THE OLD TIMERS CHAIR." Lets have the "Chair" filled each month. What say OT'S?

WANTED: Scotch-type hams to save plenty money at Broward Amateur Radio Clubs fifth big auctionfest in Ft. Lauderdale, Florida Saturday, March 11, 1961 at Armory, S.W. and 4th Street (Routh 84). Doors open at 8 a.m. auctioning at 10 a. m. with noon free lunch break. For a little extra pocket money, why not bring along some of that spare gear and let our experienced auctioners sell if for you. 73 W4NFY, Chairman, BARC Auction.

FOR SALE: Model 26 teletype machine with RTTY converter in good operating condition $75. also mosley two element Tri-Beam model TA-32 used one year $25. R. W. Freitag, W4FH, Box 762, DelrayBeach, Fla.

FOR SALE: Late model Hallicrafters "99" with Hallicrafters speaker, hot Johnson 6 & 2 converter, Heathkit "Q" Multiplier. All cables, wired, ready to go. Have worked 37 states on 6 with this rig. All in mint condition. Price complete $145. Will sell separately, the receiver $100. Speaker $10. Converter $45, Q Multiplier $5. Write or call Don Laurent K4FQO, 1901 Arlington St., Sarasota RI 6-1181.

FOR SALE: RME-45 real good with brand new condensors, realigned, instruction manual and speaker $75. Panoramic adapter AN/APA-10 converted to 117 v. ac. and instruction manual $49. RAL-6 1.5-23 Mc with a.c. power supply and manual $60. Collins TCS, modified speech amp to be used with crystal or dynamic mikes, pi-network final; receiver OK, Collins a.c. power supply, cables for both an dinstruction book. $60. Superior Siginal generator 200-and manual $25. Heath 5" oscilloscope with book $20. Bendix TA-12 1.5 to 12 mc as new, built in VFO, two 807s in final $30. RBS receiver 2 to 20 mc with power supply $55. Severino E. Perez K4GSI, 906 Fleming St., Key West.

FOR SALE: New tubes, 3B25 at $5. 829B at $10. 2C39 at $13. Ameco conelrad monitor new $10. New Turner 9-D hi Z mike at $20. Home brew grid dip meter with colis $10. Antennascope $7. New Gotham vertical 40 thru 10 with coil $11 FOB. Dow DKC-TR switch $9. RCA Model 155A 3" scope needs some work $20. FOB. Columbia ac-dc long tester ammeter with leather case, practically new, rang in 2 units0-5 and 0-20 amps. Best offer over $50. Bill Patterson K4PXY, 2161 - 23rd Ave., North, St. Petersburg 13, Fla.

FOR SALE: Collins 32V2. Excellent condition and apperance. New 4D32 final tube. Cash $325. Bob Berry, W4MQ, RFD 1, Jeffersontown, Ky.

FOR SALE: DX-40, Heath VFO, Hy-Gain vertical, coax relay, mike. $85 cash will not sell separately. Larry Dart, K4SIW, 721 N.E. 141 St., North Miami. PL 4-0789.

WANTED: All Florida EC's submit your annual reports at once to your NEC, ARRL, West Hartford, Conn., with a copy to your SEC. Thank you!

FOR SALE OR TRADE: Hallicrafter S-36. Tunes 27.5 to 145 mcs. AM or FM. Needs some work on it. Tom Trovillion K4OWI, Maitland, Fla.

FOR SALE: RBS complete with original 117 v. power supply, 2-20 mcs. $65. Hallicrafters S-40 $45.00. National NC-240 $65 Q-multiplier $6. Turner Dynamic mike excellent condition. Model S-22D $15. Ron Hines K4LWZ, 415 SW 11th St., Miami. FR 9-8659.

WANTED: All Emergency Coordinators to get annual reports to NEC and SEC soon as possible. Get your free decals and bring Florida standings up by your report. Sign up all amateurs in the AREC in your area and make your monthly reports. See page 2 for QTH's of SECs. W4MLE/W4IYT.

WANTED: Interested amateur in AREC in following Counties Alachua, Baker, Bradford, De Sota, Gilchrest, Glades, Hardee, Hernando, Nassau, Sumter and Union. Must be ARRL member and have a General Ticket. Drop line for details. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs 66, Fla.

FOR SALE: 6 meter motorola, complete $50. Eddie Vernier W4HTH, 6935 - 9th Ave., North, St. Petersburg.

FOR SALE: I have a large number of hard to get plastic tuning knobs which fit the spline on ARC-5 receivers. 25 cents postpaid. Stock up now. Ed Marriner W6BLZ, 528 Colima St., La Jolla, Calif.

FOR SALE: Central Electronics 20A, BC-458 VFO & QT-1 $180.00. RME-4350 $175. AF-67 160 meter band on 6M-xtal included PE-103 and accessories $100. RME MC-55 converter $25. Johnson Messenger w/2 channels 12 and 110 v. ac. $90. Globe CB-100 w/2 channels 12 DC and 110 VAC. $45. Heath GW-0, 12 volts $25. H. Walter Johntson W4TKE, 426 South Bend Circle, Jacksonville 7, Fla. EX 8-7396.

FOR SALE: KWM-2 with a.c. supply built in speaker and third hand mike for $1000.00 Write for details abt excellent QTH in Sarasota. Roger C. Amundsen W1HYF, 5 Rowland Lane, Ridgefield, Conn. ID 8-3228.

FOR SALE: 1 KW amateur transmitter. Final PP 813's, modulated by PP 805's. KW coils 80-10 meters. Exciter, with 807 final. May be used seperately as a complete 50 watt c.w. rig. Power supply, pair 866's, gives 2500 vdc at 800 ma. Operates from 115 v.a.c. line Mounted in 6 foot enclosed rack with casters Free delivery within 100 miles of Eglin AFB. Minimum bid $250. Mail bids to Eglin Amateur Radio Society, Box 1773, Eglin AFB, Fla.

FOR SALE: DeLux "hornet" beam antenna 10-15-20 with heavy duty TV rotor. 6 months old. Make offer. Vincent Smith M.D. K4DJY, 1770 N.W. 43rd St., Fort Lauderdale, Fla

FOR SALE: Harmon-Kardon "Epic" model A250 Stereo Pre-amp and amplifier unit. 25 watts each channel. Bass and treble tone controls, 5 selectable inputs, D-C on preamps filaments, loudness control compensation. etc. One year old, like new, complete with perforated cover cost $192.45 asking $90.00 cash. Fischer Stereo preamp model 400C, 8 inputs, mag phone, microphone, tuner, tape head etc. 2 outputs, main amplifier and tape recorder. Bass and treble tone, loudness compensation, stero/monaurel output selector with d.c. on filaments. Original cost $169.50, asking $80.00 cash. Vic Clarke W4-OTR, 1020 Sorolla Ave., Coral Gables, Fla. HI 6-1424 or HI 5-3785Y.

FOR SALE: Gonset "super 12" mobile converter. Covers all bands from 10 to 80. Attaches to car radio in minutes. No separate power supply needed Perfect condition $45.00. Frank Nankin K4BNZ, 1000 - 88th St. Miami Beach 54, Fla. UN 6-2351.
FOR SALE: 200 radiogram sheets, padded in 50's. 80 cents via the mail anyplace in USA $1.00. Skip, Box 501, Miami Springs 66, Fla

WANTED: Complete mobile rig in A-1 condition covering 80 thru 10 Prefer deal within 100 miles of this QTH. Bill Mueller W4SKF, General Delivery, Delray Beach, Fla. Phone 8131 at Boynton Beach, Fla.

WANTED: All Post Office employees holding ham tickets, active or retired to check into the Florida Post Office Net, Sunday at 0730 on 3820 kc. — K4OWI.

FOR SALE: Globe Chief 90 in good condition $40. You pay postage from Bowling Green, Florida. Fred Essig K4TDT, P. O. Box 784, Florida State University, Tallahassee, Fla.

FOR SALE: HAMMARLUND SP-400-X receiver with power supply and speaker. Globe Scout 65-A transmitter — both for $175. Will deliver in Florida (East of Chattahoochee river.) Bill Penhallegon W4STX, 960 Keene Road, Large, Fla.

WANTED: 7 more YLs or XYLs, Florida residents to make the quota of 100 members in the FLORIDORA YLS. Contact Fran Foley, W4BIL in Clearwater for membership application. $1.00 a year to join this growing organization of Florida YL Operators.

Electronic Keyer construction details. The Miami Springs Radio Club is interested in improving the quality of c.w. transmitted on our bands. Construction details for fixed ratio electronic keyer will be mailed upon request if accompanied by 25 cents to cover postage and cost of handling. Cost of parts less than $30 exclusive of relay. No relay required for some transmitters including 32S1. M. S. Radio Club, c/o 770 Falcon Ave., Miami Springs 66, Rla.

FOR SALE: Valiant factory wired plus spare new. Low voltage power transformer and modulation transformer. Listen for it on the air at K4RNS/RNR $350. or will swap for Thunderbolt in good condition. Jim Campbell K4RNR, 24 Palmetto Drive, Ormond Beach. OR 7-2377.

WANTED: DX-100, HQ14OX or similar priced general coverage receiver and a DB-23 preselector. State condition and pric to George Moule K4HYO. 2951 N.W. 161st Terr., Opa-Locka. Fla. NA 1-0225.

Hammerlund "Super-pro" BC-779 Reciver with original power supply and book. Really excellent condition — Sensitive, stable, selective, and even looks — $115. Hammerlund HQ-129-X in good working order with book — $125.
Elmac PMR-7 Double Convedsion Reciver with regulated 110V AC supply. Seven bands: 160 thru 10 meters plus broadcast. You can't tell it from brand new. Excellent sideband rcvr — $115. 5 inch Oscilloscope, Electronic Development Lab (of Chicago) very good — cost $70 — Sweep from 10cps to 60kcps — separate horizontal and vertical amplifiers — $35.
Beautiful converted Arc-5 transmitter. Bandswitching 80-40-20 meters with metered power supply, screen and oscillator regulated, stable vfo. Only — $25.
Heathkit VF-1 VFO good working condition with book — $15. PE-103 Dynamotor, 6 or 12 vdc in (selected by switch) and 500 vdc at up to 200ma out. With base that has filtering and control relays built in and long heavy battery cables. Unsued and in good condition — $15.
Leece-Neville 6v alternator and rectifier. Charge that battery with motor idling. Make offer — asking — $25. Carter 6v dynamotor, rated 420vdc at 280ma out — $12.
Novice transmitter — handbook type 6AG7-807 — with coils and crystal — for 80 and 40 meters — less power supply — $9.

WANTED: 40 meter ARC-5 receiver. Would like it already converted but will take unconverted. Jim Frison K4IWM, 510 Raven Ave., Miami Springs TU 8-9964.

FOR SALE: Orlando area. Heath DX-40 and VF-1 in gud condition. Both for $75. Paul Montgomery K4-JSS, 3030 Castle St. Orlando, Fla.

COASTAL EMERGENCY NET

K4ANJ & W4DVR

(Editors Note: Please read carefully the following info on the CEN sent in by Mack G. Britten, W4DVR, Box 1711, Ocala, Fla.)

The CEN is divided into three divisions. (1) Fla., Ga., Ala. and Tenn. (2) Texas, La., and Miss. (3) S.C., N.C., Va., Md. and Washington D.C.

nI the event of a major emergency all three divisions will be alerted The division wherein the emergency exists, SHALL have control of the entire CEN net. The other two divisions shall Standby to handle traffic into and out of the State and to laison between the CEN and other nets in the respective divisions.

tI is one of the aims of this net to handle ALL emergency tfc going out of the tSate as well tfc into the state. The CEN will not pass tfc to individual cities with traffic unless we have a station in that city. Otherwise we will take the tfc to one of he Florida nets have tfc going out of state, they will bring the traffic to the CEN and we will then handle same either on SSB or CW, which will work on either 3805 Kc or 7205 Kc. The CEN will work hand in glove with the Florida SSB Emergency Net, and will encourage close relationship between the two nets as well as with the FEPN.

We have a dual primary purpose. (a) to handle weather information and (b) to handle all types of traffic relating to emergency conditions as outlined by the State of Florida — Amateur Radio Emergency Communication Plan.

Net control stations, set up at this time for district No. 2 to be designated by W5JHS. NCS for No. 3 to be designated by W4ZRH and District No. 1 to be designated by K4ANJ or W4-DVR.

A TRANSMITTER HUNT?

(The following appeared in the newspapers. If this idea gets out, it might be fun for the yanks too. . . AC)

"BERLIN (AP) Communist youth groups in East Berlin will hold a big game of 'hunt-the-spy' Sunday, as part of their paramilitary training. The youths will use portable radio receivers equipped with directional antennae in a hunt for a transmitter sending short wave signals. The sponsoring organization, the Society for Sport and Technique, is offering 2 geese and 3 ducks as prizes for finding the transmitter."

For any mobiler in the Miami area, the Miami Springs Radio Club (K4OSQ) sponsor a lost spy, oops, lost transmitter hunt every Friday night at 0200 GMT (2000EST) on 29,000 kc. Power is only 5 watts to a portable ground plane. K4GPI of Hialeah had the hunters snowed while operating within a telephone booth fo ralmost a hour. W4-YHW, XYL and Jr. Ops spotted GPJ as he departed the booth fo ra cup of coffee. You can catch more spys that way. Come join us, it's fun fun fun! — AC

TROPICAL PHONE TRAFFIC NET

Meeting 3945 kc 2230 gmt aily

The net has been slowly improving as can be seen by the records. The averages have been going up and up. This is probably lue to more stations finding it convenient to celar new, and left over traffic, and answers, services, and out of state traf-

Being affiliated with the ARRL National Traffic System involves more than just saying it in the net preamble. The net must have an active relay system to the nationally integrated cw regional nets. This is most easily accomplished through liason with the Florida cw net, QFN, on 3650. Stations now assisting in this ara: W4FPC, K4EHY, K4FMA and K4SJH. Wish more would volunteer.

A welcome to the sidebanders checking into the net, W4OVE, Tampa, W4YFW, Key West, and others. Some have agreed to help dissapate the intense QRM on the frequency by either not putbeing on between 5:30 and 6:30.

Averages for December: stations 19, traffic 12. January: stations: 20.2, traffic: 8.

Dan Franklin, 7710 52 St., Pinellas Park, Fla.

GONE BUT NOT FORGOTTEN

The 11 meter band, that is. You might be interested in a recent Commission (FCC) action in the field of Citizens Radio Service. FCC denied a petition from a manufacturer's representative seeking, among other things, an increase from the present 5 watts to 25 watts for Class D (11-meter) stations. A power increase would require stiffer technical requirements and resultant increased costs, the commission said, and also stated that the present power is adequate and consistent with the purpose of CB as a short-distance and yow-coast radio service.

"But I SHALL return . . ."

DADE 6 METER NEWS

By Walt Stock W4IIS

Congratulations to K4RBR, the Dade Emergency Net's new 6 meter official Bulletin Station; F. B. Norm how about some bulletins?

K4OIH — John, welcome to the net and 6 meter group. John also works the other bands. Also new to 6 meters is K4OTJ —glad to have you on board Lou and best DX to you. K4-LWO—eGorge is now putting out a strong signal from the Westwood Lake Area. W4FE-Howie in the Hills, Fla. is on 6 and looking for Miami contacts. Also sepaking of contacts, W4-YFW in Key West is on 6 meters and hoping to work into Miami area. What say fellows, point those beams. That's a fine contact. If anyone makes the grade, call this writer for publication. K1AEH/4M now living in this area anl has checked in the D.E.N. Welcome Jim. W3ZRI-/M4 was in town Jan. 20. Home QTH York, Pa. Winter hangout, Hollywood, Fla. Very nice band opening in Oklahoma area on Jan. 20. Several of our good friends in KP4 land are now subscribers to Florida Skip which should bring the group a little closer together both by airways and short scribblings.

Well fellows, not too much news this issue as we just moved to our new QTH in Miami Shores, Fla. Hope to do better next month when, if we're lucky or maybe ambitious, we may have our new beam up just below the 432 Mc beam.

73 Walt W4IIS

Letter to Dr. Blake, K4OHR:

Thank you for your recent inquiry regarding use of the 6293 tube in amateur transmitters.

The 6293 is similar structurally to the 6146 but it is processed, rated, and tested for pulse modulator service only. It is not more rugged than the 6146.

Our design engineers indicate that if the 6293 were to be rated for modulator, phone, and cw service, it would not withstand any highere ratings than those for the 6146. In fact, the ratings and typical operating values would have to be the same as for the 6146. There is no engineering reason why the 6293 will give any better performance than the 6146.

Your interest in writing us is appreciated.

Very truly yours
C. A. West
RCA, Commercial Engineering
Harrison, N.J.

DEN 10 METERS

The spell has been broken! Fo: 1o these many months the only operators at K4JVA have bee K4BZT, K4EHQ and W4ELR The first two Mondays in Feb ruary Dick, K4JJQ showed u and did a fine job as net contro operator. Let's have more new voices at net control station which are K4JVA, K4OSQ an W4MRC.

Your net manager for 1 meters visited K4OSQ Miam Springs, Feb. 13th and was interested to see the efficient operating console. Automatic heaters keep the equipment dry wher it is not in use and a single cover closes and locks everything t keep out curious knob twirlers

REMEMBER — 1st, 2nd an 4th Monday nights on 29.5 m at 20:00 EST.

SSB DINNER

Don't forget the SSB Dinner Thursday, March 21, 1961. This is the big one for all SSB operators in Florida and members o SSBARA. The 10th Annual SSB Dinner will be held at the Statler Hilton Hotel in New York City, and will feature a day an night for good fun, sociability and an opportunity to examine the latest in SSB gear. A fine dinner and professional entertainment will round out the event. Contact Irv W2IVW Bing W2CMM or Mike WA2BLH

TRAFFIC HOUNDS

	E. Fla.		Section
K4SJH	1459	W4IYT	43
K4BY	818	W4HTH	40
K4KDN	345	W4LMT	40
K4LCF	239	K4VSA	40
K4BZ	139	W4CNZ	35
K4ENW	132	K4ILB	35
W4AKB	114	W4LDF	34
K4COO	105	W4BKC	33
K4AX	104	K4BZS	23
W4EHW	102	K4ANR	14
W4FE	92	W4LSA	12
K4LVE	72	K4MTP	12
K4DBT	71	K4ZIF	11
K4RNS	59	K4OZS	11
W4EAT	55	W4DPD	10
W4TRS	53	W4DQS	6
K4DAX	45	K4YPN	4

West Florida (January)

K4VND	55	W4POY	12
W4WEB	33	W4ROM	6

Section net reports were as follows: FMTN-576, GN-551, FPTN-228 TPTN-201, Late Dec. report for TPTN-341. Total traffic for month was 4407. Two made BPL-K4SJH and K4BY. This will be my last report as your SCM. K4SJH will take over this report for Feb. Wish to thank you all for your support and I wish Ham all the best in the future. 73, John W4-KGJ.

FLORIDA SKIP

A Non-Profit Organization

OL. 4 — NO. 11 | The All Florida Radio Amateur's Publication | APRIL, 1961

Dear Mabel,

I have been hearing music on 9.5. What's going on?

K4QRM

)ear QRM,

Either you or your receiver is little bit off. Or you could be etting Channel 2 in Miami.

)ear Mabel,

Heard Clyde say on the air hat he has been getting charley-orses. Tell his to massage the ffected part and then wrap with n elastic bandage. That may elp.

Ole Doc

)ear Doc,

Thanks, it works fine, Now ow can he get his headset on ver the banlage ?

)ear Mabel,

If you had a ham license, what ould be your operating mode: W, fone, sideband, RTTY, fas-imile or television?

C. W. Mahn

)ear C. W.,

Decisions, always decisions! ince my cole is an unreasonable acsimile of CW and my voice on M sounds like sideband, I'll tick to SWL.

Have as pinster friend who is nterested in getting a ham li-ense. But first she wants to find ut the season and limit. (You on't shoot them, Maude, you rap them.)

)ear Mabel,

Like Clyde, I also have a lab-ratory. In it are many ralio arts.

Meet Cmdr. Bert Witham, Jr., USN, W4CNZ, Qtrs R-6 U.S. Naval Station, President of the Key West Amateur Radio Club, NCS of the FPTN for Monday, traffic man and in general a "spark plug" in amateur radio for many years. Bert received a special Civil Defense Award for his work in Charleston, S.C. and the FLORIDA SKIP AWARD for his efforts extended during Hurricane Donna. Look for him on the SSB nets also.

Dear Mabel,

Is it true that I have to turn in all my condensers for this new fandangeled thing called a capacitor?

Out-a-cash

Dear Out-a-cash,

Of course you do. And while you're at it, better turn in all of those parts for components.

Dear Mabel,

What is the cheapest way I can get a full KW on the air?

A Friend

Dear Friend,

iWth or without TVI?

Dear Mabel,

During Hurricane Donna, what did you miss most when the power went off?

Freddy Megawatt

Dear Freddy,

The line noise.

(Editors note: Don't you not have a problem, this young, beautiful, intelligent girl can help you with? Anything at all,

(QSY to back page)

JOHN LOWE FUND

Dear Andy, Just a line before you go to press to let you know how the John Lowe K4HJV fund is going.

It is just one since I received my issue of "Skip" with the story on John. At this moment we have received a total of $53.50. All of this with the exception of one check has come from individual donations. It is certainly heart warming to see how our fraternity of ham radio responds to one of us in need.

Time doesn't permit at this writing to give you the list of those who have sent in their help for John but you will be furnished the list at a later date.

Many of the donations are for only a dollar, but some letters bear out that one dollar is a real sacrifice for those who send it. And just think, if we could get a little from everyone who receives "Florida Skip" we would have our $350.00 for the Gonset G-76.

We are still counting on clubs for our biggest source of help in this endeavor and of course, appreciate that in most cases, this will require the voting approval of the membership before donations can be made.

So — keep the money coming in. Help us talk it up on the air, because we want everyone to have an opportunity to participate in this real amateur cause for a real amateur, K4HJV. Mail checks to: Lake Wales Amateur Radio Club, John Lowe Fund, c/o W. P. Browne, 422 Marietta St., Lake Wales, Fla. 73 and Many Thanks, West W4COZ.

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for 1 year or $4.00 for 3 years for my membership to Florida Skip.
New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

NEC VISITS FLORIDA

Tallahassee, Tampa and Miami radio clubs were honored to have Mr. George Hart, W1NJM Emergency Coordinator, ARRL, pay them a visit during March.

After a big C.D. meeting at Thomasville, Georgia, George and "Big Brother" Ed, W3NF, motored to Tallahassee, Tampa and Miami for the club meetings.

In Miami a big crowd heard the NEC give an inspiring talk on AREC at the Dade County CD Control Center. He also gave a complete rundown on the CD meeting in Thomasville where he really "woke up" the "nappers."

His talk was tape recorded by Ye Ed and is available in loan to any Florida EC or club. There is already a waiting line for the tape so get your request in early.

W1NJM and W3NF worked mobile, phone and c.w. all the way down and back and checked in to our Florida nets.

All amateurs are requested to read Mr. Hart's monthly column in QST, "With the AREC", "RACES News", and "Traffic Topix". You'll be surprised what you can learn. It's a must for all EC's and traffic men.

George and Ed, we enjoyed having you, and hurry back when you can stay longer.

LETTER TO EDITOR

Dear Old Timer,

Enjoyed very much "Characters I Have Known". I knew Wm. Justice Lee 4XE very well in the early days. I have a Receiver (home made) just like his with a debased 201A. Also have a Y cut xtal cut for 100 meters. In 1923 we had 40 amateurs in Florida. 73, Bill (W. D. Pease, W4VL, Winter Garden, Fla.)

LETTER TO EDITOR

Editor, Florida Skip,

Just a few lines with the enclosed check for renewal. I enjoy reading the "Skip" and look forward to it each month. For value received, I know of no other publication which has so much good reading.

The schematics reproduced are very good and hope you can continue as much as possible such reproductions.

I just addressed the envelope and when I came across Miami Springs — reminded me last summer when I was visiting my brother K4FVO, I was working his rig and worked a station whose QTH was "ZAZ Springs." You know, it took me 10 minutes to understand that he meant "Miami Springs." I asked him what big city "ZAZ Springs" was located near so I could spot it and he said "ZAZ". This, of course, was in the novice band, and I can't remember the call letters of the station in Zas Springs.

73 Ray Stenger, W4NWK
Atlanta, Georgia

(Editors note: Thanks for flowers. It's just as well you don't remember his call — or he'd never live it down.)

CONTEST CHANGED

For info of all Florida contesters, the Radio Society of Bermbuda has announced the 1961 Bermuda Amateur Radio Contest May 6 and 7 and May 20 and 21.

Instead of announcing the rules this year, RSB requests that if you are interested, send a card to Contest Committee, Box 275, Hamilton, Bermuda, and request a copy of the rules and log sheets.

The top prize in this contest is a trip to Bermuda for two people, plus some certificate awarls. — 73 Tom Moss, W4HYW.

Andy Clark, W4IYT, Editor
P. O. Box 501 Miami Springs

Frank Orcutt, W4JO
Advertising Manager
2752 S. W. Third St.
Miami

Betty Clark, W4GGQ
Business Manager
Box 501 Miami Springs

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All signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP. Deadline 15th of month in Box 501.

SILENT CARRIER

It is with deep regret we report the passing of Lawrence P. (Al) Algeo, K4AHW, 651 East 14th Place, Hialeah on March 21, 1961 as a result of a heart attack.

Al was an old timer in amateur radio and a member of FMTN, GN and DEN. He was also Dade County RACES Radio Officer, former Dade County EC, former assistant communications chairman for Dade County Red Cross and a charter member of the Hialeah Radio Club. Al worked at the FAA transmitters in Opa Locka.

K4AHW, a fellow Kansan, has been a long time friend of ye editor and it is hard to believe he is really gone.

HANDY TO ORLANDO AND SARASOTA

Skip just received word that F. E. Handy, W1BDI, Communications Manager for the A.R.-R.L., will be a speaker at the A.R.R.L. Convention and Hamfest in Orlando, April 7th, 8th and 9th.

He will also sit in on the A.R.-R.L. meeting of League Officials, called by the Southeastern Division Director, James P. Born, W4ZD, of Atlanta. Don't miss it!

Mr. Handy will travel to Sarasota on April 10th for a joint meeting of the Sarasota, Bradenton and eVnice clubs. Contact any of the club members for the location of the meeting place and time.

FLORIDA SKIP CORRESPONDENTS

Feature, W4TAS, Hank McMurri 3200 Avenue "A" West, Bradenton.

R. A. C. E. S., W4UHY, A Melvin, 1023 Brandywine St., Jack sonville.

DX, W4LVV, Chuck Bolvin, 221 SW 27th Lane, Miami 33.

Net, (FPTN) K4LCF, Herb Zeigle Box 12, New Smyrna Beach.

NOVICE FORUM, W4 UHF, H. Ro Scott, 8643 Twin Lake Blvd., Tamp 4.

VHF in Florida. Allen A. Engleman W4RWU 2442 Pine Estates Road So. Jacksonville 8, Fla.

Net, (FMTN) W4GJI, Tip Curran, Box 48, Palm Beach.

Net, FAST and Sidebanders of Flor ida, Bert Witham W4CNZ Quarter R-6, USN Station, Key West.
Net, Dade DEN-6, Walter H Stock W4IIS, 7400 NE 6th Ct. Apt 6, Miami 38.

Mabel, P. O. Box 501, Miami Springs 66.

Club, W4BKC, Harold Shea, 7 W Columbia St., Orlando.

Club, W4LJM, David Nelson, 22 Domaris St., Lake Wales.

6 meter SSB, W4WAQ, Pat Ferro 1364 N.W. 23rd Ct., Miami 35.

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, K4GPJ, Red Clotfelter, 669 E 60th St. Hialeah.

Club, Fort Myers, Ken Stewart, W4-SMK, Box 463, Ft. Myers.

Club, Lake Co., Irene Conklin, K4LPV RR 2, Box 466, Bassville Park, Leesburg, Fla.

Club, Broward, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET, Bob Street, 116 Iroquois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolamo, 216 Doris Dr., Lakeland.

Club, Victor A. Blackmer, Jr., P. O. Box 214, Ft. Pierce

Net, Hillsborough AREC 6 Net, W4-NQX, Paul R. Young, 839 S. Blvd., Tampa 6.

FLORIDORA NETS, K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Hint & Kinks, K4UGC, R. V. Frederick, 460 NW 108th Terr., Miami 50.

SCM — WEST FLORIDA. FRANK M. BUTLER JR., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

SCM — Eastern SCM, A. L. Hamel, K4SJH, 1300 NE 42nd Ave., Pompano Beach.

SEC — Eastern SEC, Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66.

SEC — Western SEC, George Thruston W4MLE, 3407 Prock Dr. Tallahassee.

FLORIDA S K I P NOMINATING COMMITTEE: Fran Foley W4BIL, 14698 — 63rd Way, No. Clearwater. Herb Hamilton, K4KDN, 1524 So. Lake Howard Dr., Winter Haven.

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HALLICRAFTERS — S-40 Novice or SWL special	32.50
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HAMMARLUND — HQ-170C One of the finest, Ham receivers	299.00
HAMMARLUND — SP-400X Built like a battle ship, 2 RF stages, also has Collins $80.00 mechanical filter kit	225.00
GONSET — GSB-100 Proven SSB and AM Transmitter, like new	399.00
GONSET — Super 12 Converter, latest model, 12 Volt	44.50
JOHNSON — Thunderbolt, late model, factory wired, like new	449.00
JOHNSON — MESSENGER, 10 meter tranceiver, just like new	119.50
JOHNSON — Adventurer, A fine Novice transmitter	39.50
NATIONAL — NC-300 Late series, excellent Ham receiver	239.50
NATIONAL — NC-188 Good for the price	99.00
NATIONAL — NC-125 With built in Selectojet	99.00
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Amateur Radio Center, Inc,

2805 N.E. SECOND AVENUE **MIAMI, FLORIDA**

PHONE FR 4-4101

RTTY INTEREST IN FLORIDA ON INCREASE

E. Case, W4NGR

At a recent annual meeting of the Florida Radio Teletype Society at Daytona Beach the following new officers were lected. President, Tom Lipscomb, W4-RTJ; vice pres. Jerry Starr, K4-PMF; sec-treas. Fred De Motte, W4RWM. The exec committee are Albert Reily, W4WMN; Chester Watkinson, K4KKZ; and Milton Curry, W4 FZV.

The meeting was opened by Dr. Tom Reily, W4TMN. Dr. Tom Lipscomb, W4RTJ offered the invocation.. The minutes were given by Fred de Motte, W4-RWM who urged all members to get their dues in before December 31 as not to be delinquent at the time of the next annual meeting.

The big part of the meeting was the program presented by Mr. Hugh Wharry of Southern Bell Telephone Co., along with slides and pictures on the Model 15. Mr. Wharry stressed that during an emergency type of operation, using any of these machines with emergency power to check closely as they may be out of sync due to power and frequency fluctuation.

Art Melvin, W4UHY, of the State Civil Defense Office gave a talk on CD and the need for an RTTY emergency net in the State.

There were thirteen members of Florida's RTTY Society present, plus eleven guests and nine by proxie. Nine of the thirteen were Army MARS members.

The influx of interest in RTTY stems from the fact that Army MARS has put into the hands of some of their members a goodly number of Model 15 and 19 machines that were recovered from airport weather stations through out the Southeast. It is certainly hoped that these machines will eventually be put to use on amateur as well as military frequencies. The Florida RTTY Society needs you and you need the Florida RTTY Society. Write Fred De oMtte, W4RWM, Florida RTTY Society, P. O. Box 6047, Daytona Beach, Florida and get all the particulars on the Society.

Certificates of Merit were awarded to W4RWM and W4-RTJ for their fine work in the Society. After a delicious meal held family style at the Daytona Plaza Hotel the meeting continued. It was decided the next meeting would be held in Orlando. More about this in later Bulletins and in Florida Skip.

W4NGR was made chairman of the RTTY setup and demonstration a tthe Orlando ARRL Southeastern Convention April 8th and 9th. CU behind green keys.

COUNTING NET TRAFFIC

I have been asked to give a brief description of the rules pertaining to just what traffic can be counted on a net, and although various items on this subject have appeared from time to time in QSL I know of no spot where the total sum of the information can be had in one piece.

FIRST, each piece of traffic counted must be in full and complete standard message form —which automatically rules out contacts, phone patches, or just plain QSO's.

SECOND, the traffic must have been handled during the net session, i. e. from the time the net is opened by the NCS until the net is closed by the NCS.

THIRD, A piece of traffic is counted as one message, even though the receiving station has had help from other than the transmitting station. Relays of a piece of traffic within the net do not add to the net total as only one ipece of traffic was handled.

FOURTH, a broadcast to an entire net is counted as ONE. Some nets have built up their count by counting each broadcast to the net as being the number of stations who receipted for the message — obviously a net could build up a terrific count in this manner — fifty stations copying one broadcast each night for thirty nights would total 1500 messages, which is one heck of a lot of traffic considering that only 30 messages were actually handled.

FINALLY, in order that there be some semblance of actual traffic handled reported to PANN, it is requested that all reports for publication use the above system, or an explanation be given on just what is counted.

There will most likely be some net managers who will agree with the above system — but that is to be expected. However, you can count your traffic anyway you please, as long as excessive traffic reported shows just what is being counted.

(From W7FIX, PANN Editor)

JAX NEWS

The new officers of the JARS are W4UHY Art Melvin, President, W4QVS Ed Cusing Secretary, W4GRQ J. M. Jordan, Treasurer. Meetings first Wednesday of month, at Peard Electronics.

Major project for the year will be a club house for members club station.

The North Florida Radio Society joined with the JARS for a special dinner meeting at the Charcoal Steak House. Guest speaker was W4HTF, Lt. Cmdr. J. R. LeCroix, subject was movies of Antartica — with narration by LeCroix. After the movies Cmdr. LeCroix was kept busy answering questions.

Your reporter especially enjoyed the pictures as they were taken one year after the pictures shown at the YLRL convention in Cambridge by W1HWK (Fr. Dan Linehan) who went to the Antartica on the Navy survey team.

New officers of NFARS are President W4HLE Bill Allyn, Vice Pres., K4 IRF, Gene McIntosh, Secretary-Treasurer W4-IEA Gene Schramel.

Members enjoyed a meeting at QTH of K4PJJ Walt Rives to view the Ham Shack more like a Ham's Dream. 73's, W4HRC, Little Bo.

RETIRED?

By Sandy Hastings, KN4DHD

A OM of leisure
He thought he'd be
When he retired
At age sixty-three
But he was wrong
As you — and me,
For his XYL had
Different ideas, you see!

He found his work
Had only begun
For Dear Little Wife
Kept him on the run;
No time for hammin'
Or any fun
And he found his labors
Were never done!

'T'was "Mow the grass,
Let's have no sass;
Hang up the clothes,
Bring in the hose,
Get up at dawn
To edge the lawn—
Then paint the house,
You lazy louse!"

"If you think
You can Shirk
While I do
All the work,
You've another
Guess Coming —
STOP That hammin'
And get a Job,
You shiftless gob!"

FCC TO JAX

All amateurs in the Jacksonville area are reminded that the F.C.C. will be conducting exams there on April 22nd.

Take advantage of this service by trying for that general or extra class license.

FLYING HAMS CLUB

Clif Evans K6BX, Box 385 Bonita, Calif., anounces the creation of the "Flying Ham's Club in which he will act as permanent secretary to administer the club's affairs and awards program through the medium of his existing facilities and publications.

Life membership ($1.00) is open in FHC to any person of any country who can produce reasonable proof that he or she has at any time whatever, even though not concurrently held both an amateur radio license and an aviation pilot's license either private, commercial or military. Drop Clif a card for full info on the new FHC awards.

PHONEY PHONETICS

K4FYA — Foxy Young Amateur
K5ZPC — Zulu's Pussy Cat
K5VUF — Very Ugly Father
K5VUM — Very Ugly Mother
K4FLW — Fat Lazy Woman
W4YUV — Young Ugly Varmint
W4YAN — Young And Nasty
W4FE — Four Fried Eggs
K4ZDQ — Zippers Don't Quit

What are you Phoney Phonetic? We strongly urge you use only Standard ARRL's on the air and save the phoney's for eyeballs. Send your to Skip, Box 501, Miami Springs 66, Fla.

It is'nt haw much you know — that counts.

It's how well you do with what little you do know.

The stator of the variable condenser should be secured to the boom of the beam and the variable condenser rotor shaft pointing down the center of the rotating antenna mast.

A one eight inch rod, that runs through the movable mast is looped around the stationary mast, so that the rod only moves up and down.

To tune the antenna from the ground, operate the antenna rotor motor with the clutch engaged until the antenna is tuned to the new frequency then disengage the clutch. 73 Fred, K4-UGC, Miami.

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THE NEW HORNET TB-1000-4
Powerful 4-element Punch
on 10 — 15 — 20
Rated at maximum legal power
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and straight element tips
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on 10 — 15 — 20
TB-500 $59.75

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Rated at 750 watts SSB or AM
3 Elements on 10 — 15 — 20
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- **Use a single 52 ohm Transmission-Line**
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Melbourne, Florida
PArkway 3-1441

ATTENTION: Broward County Hams, Call WAbash 3-2204. Palm Beach County Hams, Call 832-1766. For your convenience, No Toll Charge.

"OLD TIMERS CHAIR"

Ed G. Raser, W2ZI

Radio Pioneer

"51 Years of Amateur Radio"

Here is the story of one ham who has really lived a half century of amateur radio, it dominating most of his waking hours and has provided a vocation as well.

Experimenting with coherer detecting devices as early as 1908, and having joined up with Hugo Gernsback's "Wireless Ass'n. of America", by 1910 he had worked 10 miles with ½ inch spark coil, home made tuner, a hunk of silicon and 75 ohm bi-polar receiver. The call letters were then "RE" his initials reversed!

After the Radio Law of 1912, being a good citizen he made his appearance at the Phila. Navy Yard and took the examination for an Amateur First Class ticket. He recalls it was signed by Lieut. S. S. Payne, USN, as the Navy was then the only government agency authorized to administer the New Law and give examinations. His brand new call letters were now "3NG." In 1915 he was working 400 miles with a Packard ½ kw. spark rig, using only a galena detector and homemade loose coupler for receiving!

The impending war in Europe put an end to all this, so not to be completely frustrated he joined up with Unk Sam's Navy and served a 3 year hitch as wireless-man aboard ship and at naval shore stations. During this period while on duty at Cape May Naval Air Station he installed and "test hopped" the very first 1/4 kw 500 cycle spark sets ever to go aloft in an aeroplane, and using a long trailing wire antenna. Other duty stations were aboard the SC-144 on sub-patrol and later radio operator at land stations NAI, NAH and NSD.

In the meantime Ed had joined up with the then newly organized American Radio Relay League, in 1915 to be exact. He became the 381st member and now there are some 75,000! He immediately became active in relay and traffic work, his first assignment being on old Trunk Line "C", between Boston and Washington, D.C. in May 1916. He was one of the very first ORS appointees in 1922, and now having held all of the ARRL field appointments and that of Director of the Atlantic Division in later years.

His work in traffic alone represents some 45 years continuous service to the public and amateur radio.

Having received his 1st Class Commercial Telegraph license at the age of 17, he was to serve on land, sea and in the air as a commercial wireless operator through-out the years, working for such early operating companys as United Wireless, Marconi Co., Kilbourne & Clark, United Fruit, U.S. Shipping Board and the Columbian Line.

As a pioneer broadcast engineer in 1922, he was to establish WMAL, Trenton's first station, and later designed and constructed the cities first 500 watt broadcaster, WOAX, which was considered high power at the time.

Passing through all the various stages of spark transmissions, and ending up with a big roaring sinc-gap rotary spark, which was abondoned in late 1923 . . . the end of an era! Then came the 5watts Colpits and "TNT" CW circuits with basket weave and honey-comb tuners, which all led up to the present pretty desk top gear of today.

Early amateur calls held have been 3NG, 3CS and 3ZI, which was at that time known as a "Special Land Station", one of the very few original "Z" calls on the air today. He also claims a record of being on the air continuously since his early days!

Ed has found time to be active ni radio club work, along with his many on the air activities. Serving as Secretary to the early YMCA Radio Club in 1915, the Trenton Radio Ass'n. in 1920 and co-founder of The Delaware Valley Radio Ass'n., Inc., now in its 31st year of existance. He is also a member of the Radio Club of America (world's first radio organization) Life Member — QWCA, 40 Year OOTC, VWOA, Charter Member of the DeForest Pioneers and Senior member I.R.E. Still holds his Commercial Radiotelegraph 1st Class ticket and an Amateur Extra Class of early issue. He has been cited 5 times for the ARRL Public Service Award, the DVRA Silver Cup Award for 25 years Faithful Service, Achievement Statuette from the Conamaugh Valley Radio Ass'n., and the A-1 Operator Certificate.

Ed is probably best known for his large collection of antique wireless appartus and instruments. A radio historical library of some 300 volumes dating back to 1890, on subjects of the wireless art. Tis Wireless Museum is open to all visitors. Everyone is welcome to stop and visit this unique collection, now located at 19 Blackwood Dr. Trenton 8, N.J. Might be a good idea to phone TU 2-6645 for an appointment if you are in town. Along with this he has found time to run the annual old timers conclave in Trenton each April. Ed happens to be the originator and perpetuator of the "Old Timer's Nite Round-Up Idea" which has been well attended each year by Hams and pioneers all over the Eastern U.S. since 1945.

Having many old time retired ham friends in Florida, Ed enjoys his mobile trips down that way periodidically and manages to QSO many of them on 3910 the Florida Net Frequency during his travels around the state, making Winter Park his headquarters.

He is presently Supv. Engineer and Technical Advisor of the N.J. State Police Radio System and hamwise Manager of the N.J. Emergency Phone and Traffic Net for the past 9 years.

So ends the Saga of "One Old Timer" who might be elegible for "The Chair".

WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Blountstown: K4FTJ is new EC for Calhoun and Liberty counties. Perry: KQP is going SSB. K4NJH is looking for higher power. Madison: RDQ is converting an ART-13.

Tallahassee: MLE and IYT have completed State of Florida AREC Communications Plan; every Florida ham should have a copy. Contact your SEC or SCM if you don't have yours.

Panama City: K4CEF recently got his A-1 Operators certificate; he is now QRL studies at Georgia Tech. Members of PCA-RC and Tyndall AFB MARS aided in search for two lost boys; those active were FIU, HQG, HYB, JDT, K4AHV, K4FQQ, K4GVV, K4PTP, K4RGE, and WA2LQA-4.

Fort Walton: K4UBR is trying RTTY. QFN, Florida CW Net, now holds late session at 2100 CST, in addition to 1730 session. More members are needed. NVW is transferring to Greenland. Penascola: K4IVD areomobile works into Ft. Walton on 2m; K4FTI, UUF and 2 CD Communications are now equipped to operate on 145.2 mc.

New officers of the NAS Club are: SRM-President, K4HYL-V.P., and K4FOG-Secretary. The club handles lots of phone patches for Navy personnel; they will be on SSB soon. PBC handled considerable traffic at the Hobby Fair, and relayed it thru K4BDF and K4QOJ.

CONCH CYCLES

The first Monroe County Fai is now history and the Key Wes Amateur Radio Club participa tion, though somewhat les sucessful than planned, was ob served by over 30,000 citizens Operating under exteremely ba conditions of interference fror power lines, neon signs and loca noise, we still managed to worl 24 states and hold many plea sant QSO's. Practically ever member of the club participate at one time or another and a lo of fun was had by all. Plans fo next year's fair are underwa and a bigger better display is i the works.

An interesting sidelight on th Fair Operation. Our first contac Monday, February 27 from W4 LLO/4 was Ernie, K4KIC i South Miami. This was not prearranged schedule and jus happened — Ernie is a honorar member of the KWARC.

Welcome to Key West, W4UC Jack McMullen joined the Ke West hams having recently re ceived his new call after trans fer here from KH6 land. Jack i active on 20-15M SSB.

A few lays ago yours trul had an official duty to perforn in conducting a representativ of H. M. Canadian Departmen of Defense arounl the particula military installation to which am attached. During our con versation my guest, Mr. Argyle turned out to be none other tha Jack Argyle VE3UY — wel known to West Coast Florid Hams. Jack spends his vacatio each winter in Florida. A rea fine eyeball QSO was with hin as he told of his operations i Florida and also his old time stories of ham radio.

The Monroe County Emergency Net: 1330 Sundays—3900 KCS. — 145.35 MCS. The Key West Conch Net: 2000 Daily. — 145.35 MCS.

That's 73 for this month fron the Heart of the Florida Keys the Fishing Capital of the world Burt, W4CNZ.

HURRICANE PROCEDURE

The Section Emergency Coordinators for Western and Eastern Florida, W4MLE and W4IYT would like to thank the many many amateurs who have sent congratulations on the State of Florida AREC Plan.

In a month or so, we will have a Hurricane Procedure list for activating the AREC plan. It will be simple and to the point. We hope you will remove the Procedure list from SKIP and keep it with the AREC Plan for future use. — AC.

ORLANDO RAMBLINGS

Hal, W4BKC

Well by the time this appears in print, I imagine most of the members of the various Committees connected with the Orlando Hamfest and the Southeastern Division ARRL Convention will be looking up the address of a nice quiet rest home, or maybe the nearest laughing academy. Well if it's any consolation, cheer up fellows and gals, it'll soon be over for another year, and will probably be the biggest and best ever. By golly if you haven't got your reservations or your tickets by this time, you been sleeping man, from all the yackety yack on the various bands, looks like everybody and his brothers and sisters are coming.

Wes, K4KRG who is the Central Florida Operational Area, C.D. Radio Officer, and Mac, K4TMN the Comunications Officer took off for Thomasville, Ga. to attend the Regional Communications and Warning Conference, at Region 3 C.D. Headquarters March 7-9th. They should have avery interesting report for the local C.D. Communications Section when they return.

Just in case you haven't heard by now, Operation Alert, OPAL-61 will be initiated locally by a half hour CONELRAD ALERT on Friday, April 28th, from 4 to 4:30 p.m., with the local Communications group moving to Camp LaNoChe for the weekend exercises. Day, W4TOD says bring what camping equipment you have and enjoy the outdoor life.

Heard that Betty really pulled a prize out of the FCC grab bag she passed her Novice exam and came up with the call, WN4AFL. Congrats gal, real nice CW call. Ken passed his test too and now has the call KN4NTB, watch that NT combo Ken, don't make a K out of it Hi. The latest addition to the 2 Meter net is Bob, W4-OHA who lives in the Pine Hills area, and runs a Gonset Communicator 3, he is equipped with the Collins "S" line too, nice layout Bob.

ANNOUNCEMENT

Walder Electronic Distributors announces a full line of HY-GAIN Antennas are now in stock for immediate distribution to the Ham trade. Roy, W4NVF, says "Come in and look them over, we have 41 models to choose from." See this months Walder's ad for description of the three most popular beams.

HINT AND KINK

Any beam antenna is tuned best for only one frequency but can be tuned for several frequencies, after adding a variable condenser and a home brew clutch operated from the ground.

If your beam antenna has a rotor motor and a hollow mast from the meter to the beam, then just run a one-eighth inch rod through that mast to a simple clutch made of plastic the shape of a two prong fork. It will engage the rotor know on the variable condenser which is narrow enough to fit loosely between the two prongs. A non inductive spring should be used to engage the clutch and a nylon cord to pull from the ground (or soleniod) to disengage the clutch.

6146 LOVERS NOTE

(The following two letters are most important to users of the 6146 tube. The item quoted in tne January Skip was from another publication. AC)

Editor, Florida Skip:

In the January 61 issue, on page 9, I noticed tne article about using the 6293 as a replacement for the 6146. I investigated this and found that R.C.A. builds this tube, but does not recommend it for a replacement. Enclosed is a letter from the company.

73 Eugene L. D. Blake
MD, K4OHR, Tallahassee

QFN

THE ALL FLORIDA CW NET

A little less news this month, but it is still news. Only one new QNI that I know of, W4-GXL in Fernandina Beach. For those of you who don't know that is north of Jacksonville. K4ZSY now working on a new 80 meter Antenna in his average size city lot. There is one catch, he has a kw to go along with it. Hi! Congrats to Gordon- W4-ARV and yours truly K4FMA on award of a QFN section net certificate.

February was a busy month, and this is strengthened by our net report.

	EARLY	LATE
QTC	729	149
QNI	303	148
STNS	51	28
TOP QNI	K4CNY	K4CNY
	K4DYG	K4FMA
	K4FMA	K4KDN

If you are wondering what the proceeding is, here is a simple explanation. QTC is the number of messages handled while the net was in session. QNI was the number of check ins which differs from stations which is the number of different stations checking in. Top QNI simply means the stations that were there the most. Our net manager, K4UBR is still rumbling because he is not receiving all the net reports. Be sure when you fellows QNG to get your QNS in as soon as possible. This will result in not only a highere traffic count, but a better rating for QFN.

I am sure many of you have ideas on how to improve the net. I am sure that we would be glad to hear of them. This column is open to any possible suggestions, so lets hear them.

Hope to see a lot of you at the Orlando Hamfest April 7-9. A few words of caution to those in Orlando, we are looking for an Orlando station to QNI regularly, so how about some volunteers?

73's until next month, Don-K4-FMA.

160 METER USELESS?

Who said so? W1BB, the old "spark plug" of 160 advised SKIP that a FIRST happened on January 14 and 15th when W1-PPN worked ZC4AK at 0452-GMT on 160.

Closely followed by W1BB/1 from his Maine farm with only 40 watts and a 520 foot Vee beam worked both above DX station. Many G's, and DL's were worked plus 15 OK's, GW, GM, VU, BA, OD, HB, ZC and 5A, by the USA 160 amateurs.

Yes, it is too bad we can't use 160 in Florida, isn't it?

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HQ—110	CHALLENGER	NC—109	ELMAC AF-68
HC—10 conv.	VALIANT	NC—303	GONSET GSB-100
HQ—170	RANGER	NC—400	GONSET GSB-101
HQ—180	10m Trans-cvr	HRO—60T	
	6N2 Converter	VFO—62	

DADE RADIO CLUB HAPPENINGS

Nelson E. Southard, K4GSD

Since this is my first attempt at writing you're just going to have to bear with me. I would like to pass along greetings to everyone and hope to be seeing you on the air.

The Dade Radio Club would like to extend the welcome mat out to everyone in the area to attend our meetings at the Merrill Stevens Dry Dock Building (right next to Dinner Key Auditorium) on the first and third Wednesdays of each month. We are planning some very F.B. programs i the ensuing months, including talks, movies, and special geusts.

We certainly hope everyone enjoyed the 1961 Tropical Hamboree. The club has already begun work to make next years even better. The dates for the 1962 Tropical Hamboree have been set for January 20 and 21, at the Bayfront Park Auditorium.

Orlando better watch out!

This year we are not going to sit idly by and let them get the Field Day trophy. Extensive planning has started to make sure Dade is this years winner.

K4PFB, Jake, our president, has caught the bug, and you can find him on twenty sideband most any night.

W4LVV, Chuck, announces that he has received two new stickers for his growing DXCC certificate. They are a 280 sticker on C.W. and a 130 sticker for Fone.

W4LQN, Paul, reports that for the first time that someone came over and wanted him to work a certain place that he did it. He got some friends into Venezula.

Yours truly is just about finished working on the Plate Modulator and we will be glad to get back on with it.

Well, that's all she wrote, so 73 es BCNU, Nelson, K4GSD.

ANNOUNCEMENT

Electronic Equipment now announces a new complete line of MAGNECRAFT high quality relays for the Amateur, Aircraft, Marine, and Commercial trade. Over 500 relays now on hand in their Miami warehouse. All popular DC ratings, 6v, 12v, 24v, and 115v AC and DC are available. "You name it — we have it," says Phil Raddel, General Manager.

GOING WEST?

For any of you Florida amateur taking your vacation in May out west, please be advised the Southwestern ARRL Convention is scheduled May 26 through 29th, 1961 at the Westward Ho Hotel Phoenix, Arizona.

Prizes include Viking KW, Ranger; Complete SSB package; Spaulding tower; plus dozens. Door prizes and banquet prizes too.

Talks on VHF DX SSB CW RTTY QCWA and Xmter hunts. Pre-registration $8.50 or $10.(at the door. Both include dinn in the Thunderbird Room of th Hotel and breakfast in the hot of your choice. Send for mo info to: E. A. Marshall, Jr., K' AWI, Box 7155, Phoenix, Ar zona.

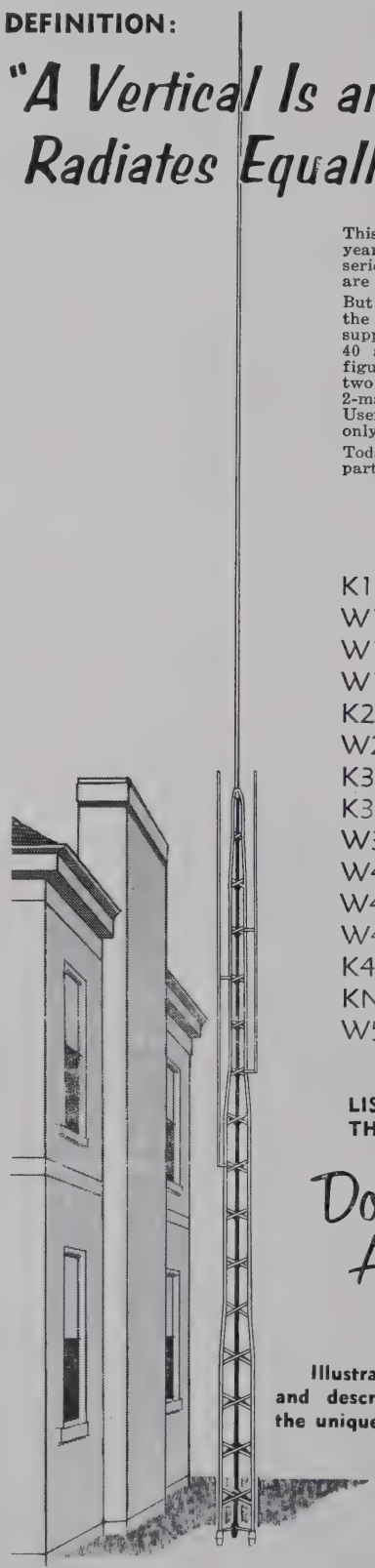
DEFINITION:

"A Vertical Is an Antenna Which Radiates Equally POOR in All Directions!"

This is a statement rarely heard since the Fall of 1957. In that year Hy-Gain Antenna Products introduced for the first time a series of highly efficient multiband vertical antennas of which there are now more than 25,000 in use the world over.

But this time-worn gag received its death blow six months ago with the introduction of the Hy-Gain hy-Tower — a completely self-supporting, TRAPLESS multiband vertical for use on the 10, 15, 20, 40 and 80 meter bands. This was the first practical antenna configuration covering all popular amateur bands and requiring only two square feet of ground space. It could be installed easily by a 2-man team and required no guy lines for its overall height of 50 ft. Users were amazed at the high efficiency, low angle radiation using only a simple ground rod system at the base of the tower.

Today the hy-Tower is in use throughout the world. Below is a partial list of users in every US Call Area.



K1AKC	K5JBD	WA6JKY	W9YZO
W1JHR	K5MRQ	W6DLS	WØAHU
W1MAE	K50AJ	W6JFW	WØPQW
W1VP	K5QHZ	W6KVH	WØSYN
K2IEG	K5TCM	W6PLG	KNØAJM
W2JEU	K5ZHB	W7HCJ	KNØAOX
K3DML	K5ZPS	K7GCO	KØDOM
K3EMA	W6AEE	K7MSL	WØLTE
W3FFZ	W6DRZ	W8DUS	KØOBX
W4CV	W6GWY	W8LUI	WØQAN
W4LHS	WV6HBD	W8PDZ	KØSCG
W4RP	K6AQP	W9GLM	WØUSE
K4VKA	K6TMY	K9QPX	KØVQH
KN4WVK	K6HIJ/Ø	KN9SZY	KØVVS
W5JND	K6HJN	K9UBW	KL7CZM

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A THOUGHT FOR TRAFFICKERS

This could be titled 'Florida Goes Modern' but until we have made greater progress this will not be entirely true. I am referring to closer cooperation between HF and VHF nets in the movement of traffic to and from all points. A great deal depends on the continuing establishment and constant improvement of VHF traffic nets. These nets can be a vital link between HF net terminals and points in a considerable area surrounding such terminals. At present most of this traffic is being mailed. Keeping in mind that emergency and traffic operations are one and the same it behooves us to establish as soon as possible as complete coverage by radio as it is possible to achieve. Having to resort to mail delivery in an emergency is a sickening thought.

Many VHF nets that are presently meeting only as emergency nets about once a week will find that interest in participation would increase to a more frequent basis were traffic handling possible and the opportunity to increase the efficiency of nets, NCS and their members would thus be presented. After all, in an emergency you will be called upon to handle much traffic and I am sure that you would like to know at all times that you are equipped to do it well.

A few examples of how close cooperation between HF and VHF traffic handlers will afford a considerable increase in the radio handling of messages to their destinations are as follows. There are, of course, many more which have not come to my attention:

K4SJH (HF) with K4BZ (VHF — BZ handled 451 for February on 6.

K4LNG (VHF) with Miami HF stations to a tune of over 200.

W4FE and xyl K4ANR doing fine.

If any group desirous of organizing and handling traffic for a better emergency net needs help in how to go about it, or liasson to HF nets, contact your SCM. The ARRL officials in your state are ready to assist at any time. 73 Ham K4SJH.

HARS NEWS

By Roy Scott — W4UHF

Hillsboro Amateur Radio Society Inc. of Tampa is in the midst of making preparations for participation in OPAL (Operation Alert 1961) which takes place April 26th through April 30th.

In keeping with HARS objective of dedication to Public Service, meetings have been held with a view of coordinating the extent of participation in OPAL by members of HARS through AREC (Amateur Radio Emergency Corps.) AREC is the official ARRL organization of amateurs who voluntarily offer their services in emergencies to CD, Red Cross, etc., but it is not affiliated with any governmental agency.

Conferences have been held between Ray Murphy, W4BNE, HARS President; Roy Scott, W4 UHF Vice-President; Paul Young W4NQX, Mgr. of Hillsborough County 6 Meter Net; Jim Apsey K4YOQ, EC and Radio (CD) Officer for Hillsborough County; and Arthur Brown, C.D. Communications Officer and Col. Ray Mills, Executive Director of CD in Hillsborough County.

Final plans as to equipment to be used, amateurs who will participate actively, and time of availability of each member who would take part in the exercise were formulated at the March 28th general meeting of the Society.

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DADE 6 METER NEWS

By Walt Stock W4IIS

The Gold Coast 6 Meter Dinner held recently was a huge success, thanks to a fine host, W4NUR, Fred. This writer was unable to attend but my secret reporters inform 113 were present. K4KRB gave a fine talk on the miracles of microwaves including a demonstration. Judge O'Connell also gave a fine talk on traffic safety,, "take note all mobileers". Lots of nice prizes were presented to lots of nice people.

New 6 meter locals W4BWQ-"Jim" in Homestead; W4URC, "Bud"; K4KLY in Kendall, "Fred". Look for these boys from the southern part of the country. K4MAV-"Ed", Coconut Grove now on 6, also works other bands.

Not much to report on band openings. Real fine opening into 3, 4, 8 land on 3-31-61. Several nice QSO's were had.

Some local stations working into the Orlando area are K4-QKR, K4ANR, W4NVU. K4TIG in eKndall made a fine ground wave contact by working K4ODJ in Clewiston on Feb. 15, 1961. W4ACT in Naples is working K4OCK in Miami consistently on sideband every evening at 1930 hrs. "Don" in Naples would like more contacts from Miami area. What say fellows, let's give "Don" some help. W4LIP sporting a new G-76 in the mobile was heard in Clewiston which is 90 miles from Miami. "Vic" did not make it two way but who knows, maybe soon.

On Feb. 20, "Andy", W4IYT acted as net control station from the American Red Cross Building using their station K4IWT as the D.E.N., Dade Emergency Net Station, and did a real fine job. Efficiently and speed were the predominating factors. I'm sure the members appreciated the experience of Andy being passed along to the boys. Thanks for the help Andy.

Hope everyone has received their Active Gold Coast 6 Meter List. We received ours and congratulations to K4HSW for a precise job.

W4TJG-Hialeah-EX W5CXS is new to the Miami 6 meter gang. Bill also works the other bands and is putting out a real fine signal with his new G-76. K6-PTY-4-"Al" now living here permanently. Welcome to Miami Al — I don't blame you leaving that California smog, we know, we lived there.

"Flash"—Just found out how to get on sideband if you have a good AM rig. First, put six white marbles in your mouth, one clothes pin on both nostrils of nost, drink one-half gallon of lukewarm water and start talking, and you have one of the best sideband signals on the air.

While making a contact the other day, a fellow tried to sell me a cemetery lot. I told him that was the last thing I was interested in.

BCNU 73 Walt-W4IIS

FLORIDORA YL 6 METER NEWS

By Fran Adams, K4PPX

K4ACF, Nancy has been busy with Cub Scouts and their banquet. W4FEU, Ann has been inquiring about Orlando. Could be she's making plans? K4IJM, Maureen says she'll be in Orlando for the Hamfest.

K4PPX, Fran met quite a few Floridoras at the Broward auction. She met W4LIC, Norma from Naples. Norma wants the gals to please turn their beams her way. K4PVT, LaVelle has been making frequent trips to Tampa to visit her folks.

W4PXY, Patty is now on the air with a Seneca. Patty hopes to change her sked at home to allow her to check in our net. K4RCX, Jeri has been busy with the in-coming dues. K4RHL, Ellie has been having company, cuts down on her air time.

K4VRV,Rinnie has been checkinginto our net from Homestead on her G-50.

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FLAMINGO NET NEWS

Walt Dixon W4DWN

"Topics for Discussion" have been the highlight of the Flamingo Net of late. After our fast roll call Moe K4DJW Net Secretary-Treasurer has been putting up questions, to the members present, in regard to Net policies and future policies. There had been a suggestion that the Net also include 15 meters along with 10 meters for contacts for our Flamingo Net Certificate. This and the matter of a membership drive was thrashed out over the air. It was decided that we will continue to give Certificate contacts on 10 only as the purpose of the Flamingo Net is to promote, foster, and, increase 10 meter activity besides having our social activities. Don't know if everyone of you know it or not but the Flamingo Net does offer a Certificate to any and all Hams upon successful contact with 10 active and paid up members. These contacts are to be on 10 meters only and no QSL cards are involved. A list is to be turned in to our secretary Moe K4DJW with the call of the station worked, date of contact, and handle of the operator. Naturally we will cant your complete address also. This list is checked against our records and if found OK a Certificate is mailed postehaste. The Net has mailed out these Certificates all over the world.

A On The Air Contest is in the works according to Paul K4YSS our Activities Chairman. He won't say what it is but our past contests have been quite a lot of fun. We usually have our contests right after our roll call. Also there is a rumor floating around that there mac be a beach party coming up fairly soon. Anyone interested is invited in with us, would be glad to have you.

Was sorry to hear that Wiley-W4WSJ broke his right leg. He had to get it pinned together at the North Shore Hospital and now is at home with a cast up to his hip recuperating. He wants any and all friends to drop in and pay him a call of they are in the neighborhood. And Wiley, we hope your recovery is a quick one.

K4ZDV-Harley has moved to Belle Glade and is looking for the Miami gang on 2 meters. We are very sorry to lose you Harely but I know you will keep in touch with us Birds.

K4PFB-Jake got himself elected President of the Dade Radio Club. Congratulations Jake! Also Jake is helping with the Novice radio class that the Dade Radio Club is sponsoring every Friday night at W4LVV's QTH.

K4ONY—Ted and xyl announced the arrival of a new junior op by the name of Glenda Lee.

W4AKB-Charlie says that he used to work the Flamingo Net when he used to have the call HK2GO down in Colombia.

K4YSS-Paul reports that his xyl is going to ralio school in preparation for her ham ticket. Paul says then they will be a all Ham family, being that his son Mike K4YWM has already got his General.

K4MAV-Ed got a new mobile rig recently. Said he got it to work out on 6 meters once on a while. He checked into the Net the other evening with it and it sure sounds fine.

These Flamingos are a real active bunch of boys and I have a time keeping up with them. If you all have the time, give the Net a call, we are on every Friday night 7:30 p.m. sharp on 29.044 mc and would be glad to have you. 73 Walt Dixon W4-DWN

OLD TIMERS' NITE ROUND-UP

All Florida OT's are cordially invited to attend the 16th Annuall Old Timers' Nite Round-up and Banquet to be held on Saturday evening, April 29, 1961, in the Terrace Room of the Stacy-Trent Hotel, West State Street at Willow, in downtown Trenton. As in the past the party will be STAG.

This annual event, sponsored by the Delaware Valley Radio Association, is held during the month of April, to honor the early living pioneers of wireless, and to reminisce on their experiences of yesteryear.

Dinner will be served promptly at 6:30 o'clock in the hotel banquet room, and the program will include personalities prominent in early radio and wireless history.

Tickets are by reservation only. and may be obtained by mailing the self-addressed envelope on or before April 24th, with your remittance of $6.00 per man, or from Ed G. Raser, W2ZI, 19 Blackwood Dr., Trenton 8, N.J. Please do not use this envelope for other correspondence. Late comers will be assessed $7.00 at the door.

For reservations and other information write W2ZI today.

ST. PETERSBURG AMATEUR RADIO CLUB

Those attending SPARC meeting February 17th enjoyed an interesting talk by K4LWI, Robert Friebertshauser, of the G.E. Vacuum Tube Engineering Division.

The Beginners Code Class, sponsored by SPARC and instructed by K4USK-Jim, is progressing nicely. The response was so great that the class is being held at the CAP Hanger at the Albert Whitted Airport, Wednesdays at 7:30 p.m. There are about 55 in the class.

Congratulations to W4-FAS Lon Brickley, who was married February 4th, to Dawn Mattson, of Daytona Beach. They will make their home in New York where Lon will enter the security brokerage business.

W4BAV-Cathy, received a radio gram from W4TXX-Gene and K4CUY-June, advising they hope to attend the Orlando Hamfest April 7 thru 9. (Hope they make it this year. See ya'll there!)

W4BNM-Art and XYL—Jesse, from Canada, visited St. Pete recently and enjoyed renewing old acquaintances and making new friends.

Regret to advise that K4HQA Art, suffered a stroke and has been in the Mound Park Hospital for about 3 weeks. He is home now and has the 6-meter rig set up in the bedroom, so that he can keep up with what's going on. Good luck, Art and hope to hear you on the band soon; in the meantime, fellows and gals, you can talk to Art on the air and chances are he will hear you.

W4VCX and XYL, Sandy K4-PLT, are very busy entertaining these days. Enjoying a visit from W2HJM-Bill, from Long Island, N.Y.

Get ready, Gang, for a big time! Plans are being made for the annual SPARC Hamfest, which is usually held at Phillippi Park. Watch for announcements on same. Hope to see you there. Field Day plans are also being discussed.

Looking forward to a visit from K3LFZ-Esther and OM, Henry, in April.

W4WPF-Marvin and XYL—Lois enjoyed a trip recently down to Miami, West Palm Beach, etc. Even though this was a business trip, they were able to take a little time out for "having fun."

After all these years, W4BAV Cathy, broke down and got herself a TV; however, says it will not interefere with her "hamming." (Editor. Hummm!)

All interested in amateur radio are cordially invited to attend the meetings of SPARC held the first and third Fridays of the month, at their Club House, 1331 Beach Drive S.E.

W4BIL-Fran and W4WME—Bill are having a ball on 6 meters. The other night it sounded like "old times on the 10 meter band" when Fran, Bill W4WPF-Marvin, K4PLU—Bil and K4PNH—Sonya, with W4 BAV, had a "round table" going on 6 meters.

Lots of activity "ham wise" in the Tampa Bay area, but everyone so busy, not enough time to record the "goings-on" Hope to have more interesting news the next time.

73 Cathy, W4BAV

FIRST MAN ON MARS MAY BE AN APE

The government sent up chimpanzee in a rocket fror Cape Canaveral. Fortunately th rocket went close to where it wa supposed to go. It might hav been a serious blow to inter planetary relations if the ap had reached Venus or Mars.

As the first emissary fror earth, the ape would be expecte to confer with leaders of th planet, and we all know that a ape would be expetced to con fer with leaders of the planet and we all know that an ap would rather swing throug trees than sit down to a seriou discussion.

I'm also afraid that the Mar tians or Venusians would ge the idea that Americans ar people who walked stooped over hang by their feet from trees eat bananas and don't shav regularly. This may be true bu we wouldn't want to admit it t perfect strangers.

Of course if the plans to sen a comely young woman up i space proceed, it's possible th Martians or Venusians would b willing to revise their initia opinion of us.

But this has its problems, too While a chimpanzee emissar from earth might discourage ou planetary neighbors from wantin to have anything further t do with us, a female astronau who looked like Elizabeth Taylo might cause a wholesale exodu to earth of little green men.

On second thought it might b better to send an ape. He can le us know how the land lies, an next time we can send a mor articulate representative — per haps Fidel Castro or Nikita S Krushchev.

Orlando Sentine
Ormund Power

FLORIDORA YL ACTIVITIES

By Fran Adams K4PPX

The Floridora Annual Birthday Party will be held at the home of K4UIZ, Ev this year. Many of the girls are planning to attend while at the Orlando Hamfest.

Hope that all of the ballots are in by now. The election will be held at Orlando.

We have issued 150 Floridora Certificates.

Due to illness, Vivian K4OYB has been forced to resign the office of Sect. of the Floridoras and K4ANR Ruth has been appointed to fill out the term.

W4CWV and K4PPX Fran have been appointed to the Auditing Committee.

A message from our President Marge K4RNS: "Thanks to all of my Committee members for making my job so easy. Thanks to my officers for their cooperation and help, to K4RCX Jeri and K4ANR Ruth for stepping in to fill the vacancies, and last but not least my heartfelt thanks to all of the members who have contributed so much to making this year so successful."

A message to our President: "You did a wonderful job yourself, Marge and I know that I speak for all the other girls when I say that we all thank you for your inspiring leadership during your term of office."

FLORIDORA YL NEWS

Our new Secty. is K4ANR, Rpth, who is filling in for the unexpired term of K4OYB Vivian, who was forced to resign due to illness. W4CWV Annette picked up a new country when she worked KH6ECD/Kure Island. Annette had a picnic at her house with K4JZX Joan and her family there to meet Geo, and Lou Littlefield.

WBIL Fran—where are you? K4HSC Meg has been feeling good these days. Checks into the nets. K4JZX Joan is NCS for the month of March, doing a FB job. Been busy sewing, getting ready for a sewing contest. She is a new member of Y.L.R.L.

W4KJE Toni is another new Y.L.R.L. member. W4IUR Mim was NCS for Feb. Mim has done a swell job as Net Manager all year. Our Gladys K4LVE is a candidate for Fourth District Chairman, has moved to net QTH in Orlando.

K4PPX Fran has received her San Antonio Certificate. She and Annette W4CWV have been appointed to audit the books. K4RED Lucy has that new slim look, the girls report that she looks and feels like a million.

K4ICA V. Mayree has been heard checking into the 40 meter net. K4YDB Betty will be NCS for the month of April. W4GGQ Betty is expecting. Twins? (Editors Note: Hell No!) Her family is growing but fast! K4QBY Dorothea has been checking in each week since joining.

K4RCX answered a CQ on fifteen, found herself talking with a classmate from high school. They got out their old Year Books and looked up each others pictures as they reminised. Small world.

K4RNS Marge enjoyed a visit by K4QOS Pat and OM George K4GWA from Ky. They first met on SSB Net. W4IUR Mim and Walt entertained Clyde W4SDR on his birthday. Mim is enjoying operating on six meters.

K4ANR and W4FE Art hosted K4RNS and Om Jim K4RNR, along with W3KTV Fred and xyl Helen from Penna. They enjoyed Ruths biscuits, chicken and dumplings. Who called them noodles Marge?

Too Late For Directory: Please add to your copy.

Helen Juanita Bevens — W4UEW — 429 Second Street, Holly Hill. Phone CL 39878 — Conditional — Birthday: Feb. 6. Equipment: KWM-2 Viking Thunderbolt with Thunderbolt Antenna. Works 20 meter SSB mostly 180/2KW PEP — Housewife—Head teller bank, keeps Om W4LZT books.

Happy Birthday Floridoras—April 1 — K4JZX, 12 W4UF, K4CXD, 13—Kn4TBG, 19 —W4IUR 28—K4SOC, 29—K4UIX, K4UBT.

A short note to all the girls: A year has passed and a new reporter will take the reigns soon. I would like to thank all who have made my job easier by passing on the news to me. Hope to see you all at Orlando.

These two pleasant smiles belong to Evalyn and Hal Shea, K4UIZ and W4BKC, 736 Alfred Dr., Orlando. Hal has been our SKIP correspondent for the "Orlando Ramblings" since the start. Both are excellent club workers and strong supporters of the AREC and RACES. Hal is Housing Chairman for the forthcoming ARRL SE Division Convention. (See ad elsewhere) Make sure you say "hello" to these two nice people when at the Convention.

SKIP ADVERTISERS

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* * *

HIALEAH AMATEUR RADIO CLUB

The bargains to be had at the Broward Radio Club auction attracted at least 9 members of the Hialeah club. Among the interesting items was the 200 KC xtal bought by K4QJC and then he found the "Rock" missing so he now has a good xtal holder.

About 2 years ago. K4ZSY, John, bought an old Coast Guard receiver from K4VGB and then sold it at the first Tropical Hamboree. Since then this old TRF receiver has been sold at every auction in this area. Sure enuf there it was again and it was sold again, let's hope it gives some one a start in Ham Radio. Next time it is sold it might be sold by the pound and the seller can buy a new Collins. Real Boat Anchor.

Al, K4AHW, is in the Hialeah Hospital in serious condition with a heart attack. By the time Skip goes to press we hope he is back with us again.

The code practice on 80 meters has become the same as the other code practice sessions. Interest has fallen off and some nights K4ZSY says that there must be no one listening.

The next time this Jr. Op. does work for the HARC secretary—she expects to be paid! 73, Red.

Rules For WAMS Certificate

(Worked All Miami Springs)

1. 10 contacts for anyone living in Dade County..
2. 5 contacts for anyone living in continental USA.
3. 3 contacts for anyone living outside continental USA.
4. 1 contact from anyone living outside of this world.
5. Contacts may be made on any band and any mode.
6. Only contacts with HAMS living in Miami Springs, Fla. may be counted.
7. Send the following information when applying for certificate.
   A. Time and date of contact.
   B. Frequency on which contact was made.
   C. Mode on which contact was made.
   D. A list with names and call letters.

   Note—QSL cards are not necessary for confirmation.
8. Send all applications to the following address:
   Amateur Radio K4OSQ
   201 Westward Drive
   Miami Springs 66, Fla.

OUR THANKS

Editor, Florida Skip,

I want to thank you, and the others responsible, for the FLORIDA SKIP AWARDS which were presented to me (K4ZIF) and to my son Tracy (KN4UVZ) at the meeting of the Fort Myers Radio Club Monday evening.

This is one of the nicest things that ever happened to us and the AWARDS will be one of our proudest possessions. We are glad we could be of service during Hurricane Donna.

Sincerely yours
Elbert A. "Gus" Schory Sr.
K4ZIF, Fort Myers

MARS BC 48

Monitoring of MARS frequencies coupled with a new crop of complaints from several areas reveals that a few MARS members are still tuning and testing on MARS frequencies without any apparent regard to operations in progress on the frequency.

As most amateurs have learned, the fact that you cannot hear anyone on the frequency does not mean that no one is there. Tuning and testing during the last few minutes of an hour invariably interrupts a net in progress and robs that net of time which is rightfully theirs. During the opening of each net the NCS provides time for net stations to tune up. If this time is not sufficient the use of a dummy load is recommended. Prerecorded transmitters settings can also be used to shorten tuning time.

Strict compliance with correct procedure in this matter will benefit not only other MARS nets but also the net of which you are a member. New Subject last weeks broadcast should have been numbered 47.

EX-CALLS

This column is open to any amateur who wishes to send in his ex-calls. Keep'em coming. Editor, Box 501, Miami Springs 66, Fla.

W4NFS ex W9BYX, W8EXZ, W2MYE

W4DSG ex W1FKV

K4ZJI ex 8BWW

W4IVM ex W8KJG

K4QGG ex W8BE (27) W3-PEP (40)

W4IVM ex W8JKG

W4PXJ ex W5DRJ

MIAMI SPRINGS RADIO CLUB

With Spring arriving this month, the Springs club has been springing forth with ideas about the number one club subject — Field Day. Only three months left to devise a way to capture the SKIP Field Day Trophy . . . Earl W4 YHW has appointed his committees, and they are already selecting a choice location to blast away with the 50 watt 450th's.

Club officers were elected the last of January for the year 61. Herb K4GGX President, Bob W4IET vice - president and George K4YSV secretary-treasurer.

The transmitter hunt is still being held every Friday nite, 29mcs at 2000 EST. 5 watts of AM type into a vertical omni pattern will be transmitted the first of every five minutes. Tune in your mobile, with a simple loop attached, and drive to the hidden transmitter site. You may be first.

Ray W4GOG has a new home brew TO type keyer. Sounds nice W4YHW Earl has modified his HT37 final input up to 1100 volts. Neat trick — even tho the shack does have a red glow on. K4YLG Dick about ready to construct a new squad. The last one met Donna. W4SA Earl is putting his ground plane back up for ten.

Jim K4JWM is official bulletin station. FB Jim. Bob W4IET, KWS-1 finally FSK'd (that means shifted, like frequency, Mabel) without drilling any holes or damaging said equipment, Thank goodness. Sandy KN4-DBW, doing a fine job on 2 meter Den EVERY Monday night at K4OSQ.

Still waiting for a RTTY signal from Herb K4GGX. Paul K4JSU giving his Dad code and theory lessons. A sneaky way to get new equipment. Like SSB. Waiting to Work Willie W4AAT on his home brew little imp ssb rig. Haven't heard Betty W4-GGQ on the air in ages — Too much local QRM, jr. type? Have same trouble here. 73 RB, W4IET

SILENT CARRIER

We are very sorry to report the passing of Maj. Roy L. Pixler (retired), K4JHI of Avon Park, Florida who passed away in his sleep January 22nd. Roy, many of you will remember, was very active on the Florida Midday Traffic Net a year or so ago. With always a good signal on the bands, his carrier will be sadly missed.

BROWARD COUNTY

SIX METER NEWS

By Fran Adams K4PPX

The Broward 6 Meter gang did a FB job handling traffic from the Hobby Show in Lauderdale to K4BZ, Al and K4SJH-Ham in Pompano and to K4RNG, Les in Miami for delivery or retransmission on the regular traffic nets. Several hundred pieces of traffic were handled by the gang, giving us all a chance to practice traffic techniques. Several other stations were on standby duty, picking up the slack and giving the regular stations a few breathing periods. Thanks to all that helped make this a success.

Several of our members have been cooperating with the coordinating committee on emergency planning in fixing up the C.D. Mobile Communications truck.

K4BZ-Al is looking for help in passing traffic around the county. Al is turning in nice totals each month. K4HIL, Herman was at the Broward Auctionfest, nice to see you, but let us hear you Herman. K4SUK, Gary was also there. Hear that he got himself engaged.

W4EID, Miles in Lantana is a new poppa with a baby boy. Miles is not being heard on six, but pounds in on "two." K4-JUT, Scotty has his station at work in Oakland Park each day, his signal pounds in down here.

Hear that K4RCV are burning the midnight oil in search of their general tickets. W4NUT, Geo has a new 6146 Mobile rig.

W4UAV-Pat is mobile with a Sixer. K4UUI, Dick is running a Chickasaw and 5 element from Melrose Park. W4TKU, Dave of Dania being heard around.

FIGURES UP

The end of 1960 shows a total of 217,000 U.S. licensed amateur radio stations. Do we have room for more? Why not?

At the end of 1961 the Citizen Banders will have the 200K figure smashed! All on our old 11 meter band! Will they demand more channels, more power and more freedom? Wait and see, but don't nap through the whole show.

May we be so bold as to suggest you support the one and only amateur organization who has been protecting your, yes YOUR, frequencies for all these years?

The A.R.R.L. does more than just print a magazine, hand book and other publications, and don't you forget it! "Sideswiper".

FLORIDA SIDEBANDERS

On March 5, 1961 the Florida Sidebanders celebrated one year of operation and existence.

W4IWM, Braum has been appointed as Official Monitor for Florida Sidebanders. He will keep a score on all stations and report any poor signals. A receiver will also be tuned to 3945 KCS and any sidebanders splattering over will be so notified. As stated in our Constitution, one of our AIMS is to promote good SSB operation.

Newcomers to 3940 KCS; K4-MJK, Bob, Port Canaveral; W4-GWF, Bob, West Palm Beach; K4GBS, Art, Melbourne; K4-OMM, Chuck, Melbourne; W4-CLJ, Jessie, Orlando, and K4-OFG, Bernie, Jacksonville. Welcome to the Florida Sidebanders.

W4JQ, Tony reports that he is progressing satisfactorily and hopes to be home for good in July. At present he is getting home on weekends only and does find time to join the Sidebander on Sundays. We sure ejoy hearing him in there.

Florida Sidebanders Breakfast announced! During the ARRL Convention Orlando Hamfest, the Florida Sidebanders are sponsoring a breakfast for SSB'ers on Sunday morning at 0800. Tickets may be obtained from W4DTZ, Bill — 511 W. Washington, Orlando, Florida at $2.00 each. Reservations are limited—hint! See you in Orlando.

A hearty well done to W4IWM, W4UWW on the fine programs the last few weeks concerning "Power in SSB" and "Filter Resonance".

New certificate and congrats to K4ANJ who recently garnered Florida Sidebander certificate number 47.

That's the output of my balanced modulators for this month. 73's Burt, W4CNZ

KEEP YOUR EYES ON ROAD

Sam Brewer, W4UBM, Editor of the Broward Ham News reported that during February, Norm K4QYB and Bill K4RCV were driving north of Pompano when they suddenly came upon a accident. An ambulance was needed immediately. Norm was in QSO with Al, K4BZ and he explained the emergency to Al who had an ambulance dispatched at once.

It arrived at the scene of the accident within seven minutes after the QSO. Much credit is due Al for the expeditious manner in which he handled this emergency.

SCMs CORNER

Since no questions or topic for discussion were received from my thousands of readers I must presume that all subjects pertaining to HAM radio are fully understood and no elaboration is needed. There are some things however that bear repeating for the sake of making a solid impression.

From time to time discussions have been heard pertaining to the frivolous and unimportant content of some messages being handled on the nets. I am in full agreement with many of these remarks but I have a feeling that a lack of understanding exists as to the real purpose behind the handling of most traffic and the operation of traffic nets. See what you think of these reasons and while you are about it hark back to 'DONNA':

a—to determine the capability of the individual to handle traffic with speed and accuracy at a high traffic volume level;

b—to continuously keep tab on the capability of existing traffic nets to handle heavy loads with a maximum of control and minimum confusion. Additional traffic nets may be found necessary or perhaps a better control system worked out.

c—to give net control stations the opportunity to perfect their system of control and movement of traffic, not under the usual daily traffic conditions, but under a constant heavy load such as would be experienced during the emergency conditions which are constantly training ourselves to handle.

If all traffickers would bear in mind that our daily efforts are only rehearsals for the real thing and will consider ANY type of message as a tool to hike his proficiency we would be ready for ANY situation. Net Managers please consider the training om many operators as NCS. Yuor net is only as good as your control. Good net operation is good emergency operation. 'Nuff said. Thanks CU next month. 73 Ham K4SJH.

NEW CLUB FORMED

Hats off to the North Florida Amateur Radio Society of Jacksonville, who got off the ground December 1960. NFARS has a monthly paper for it's members. Bill Crevasse K4YNM is doing a swell job as Editor.

On February 12th, both JARS and NFARS got together for a wonderful Banquet with door prizes, eyeballs, chatter and food. A repeat banquet is a must. Watch this spot for more news.

FLORIDA SKIP AWARDS

FOR MERITORIOUS SERVICE

W4ADW
K4AHA
K4AKQ
K4AX
W4AZK
K4BR
W4BCZ
K4BHO
A4BI
W4BIH
W4BIL
W4BKC
K4BNE
K4BNJ
K4BY
W4COZ
W3CUL
W4DFU
K4DNL
W4DPD
K4AJ
K4AG
W4ARU
W4ACT
W4BNE
K4CGN
W4CNZ

K4DRO
K4DSN
W4DTJ
W4DTV
W4DTZ
W4DVR
W4EHU
W4EWB
W4FFH
W4FPC
W4GAC
W4GAH
K4GEW
W4GJI
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K4VSB
K4TFS
K4PVH
K4JSU

W4UHF
K4UIZ
K4USK
VP2VB/MM
W4WDX
W4WFP
VE3XN/4
W4YHW
W4YJE
K4YKC
W4ZIR
W4ZJ
W4ZPO
CO3RC
K4FMA
W4FNR
W4GJO
K4KKZ
K4LCD
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K4ZAP
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K4MAQ/4
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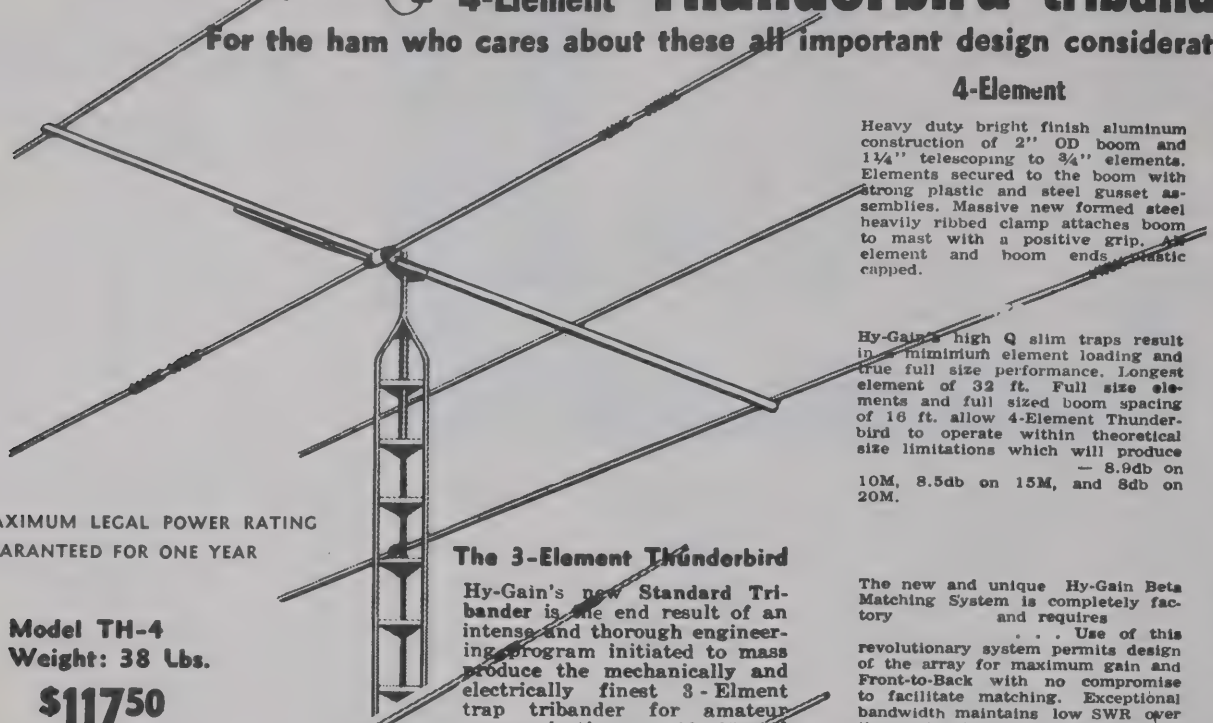
ALL NEW hy-gain 4-Element Thunderbird tribander

NOW WITH SLIM-TRA

For the ham who cares about these all important design considerations



MAXIMUM LEGAL POWER RATING GUARANTEED FOR ONE YEAR

Model TH-4
Weight: 38 Lbs.
$117.50

Model TH-3
Wt: 29 Lbs.
$89.95

The 3-Element Thunderbird

Hy-Gain's new Standard Tribander is the end result of an intense and thorough engineering program initiated to mass produce the mechanically and electrically finest 3-Elment trap tribander for amateur communications on 10, 15 and 20 meters. Unconditionally guaranteed to be better constructed and to outperform any other 3-Element trap tribander regardless of price. Compare the 3-Element Thunderbird in construction, weight, trap design and PRICE . . . definitely the greatest tribander at the lowest price! Overall boom length 14 ft. Longest element 26 ft. Forward gain up to 8db.

Outstanding Features of the 2 and 3-Element Thunderbirds

New stronger and lighter all aluminum construction of 2" OD booms and 1¼" telescoping to ¾" OD elements . . . New plastic and steel gusset bracket assemblies;- all steel fixtures and hardware "iridite" treated in accordance with military specifications. 100% rust proof.

4-Element

Heavy duty bright finish aluminum construction of 2" OD boom and 1¼" telescoping to ¾" elements. Elements secured to the boom with strong plastic and steel gusset assemblies. Massive new formed steel heavily ribbed clamp attaches boom to mast with a positive grip. All element and boom ends plastic capped.

Hy-Gain's high Q slim traps result in a minimum element loading and true full size performance. Longest element of 32 ft. Full size elements and full sized boom spacing of 16 ft. allow 4-Element Thunderbird to operate within theoretical size limitations which will produce — 8.9db on 10M, 8.5db on 15M, and 8db on 20M.

The new and unique Hy-Gain Beta Matching System is completely factory and requires . . . Use of this revolutionary system permits design of the array for maximum gain and Front-to-Back with no compromise to facilitate matching. Exceptional bandwidth maintains low SWR over the entire band, at resonance 1.05 on 10 Meters, 1.15 on 15 Meters, and 1.1 on 20 Meters. The dipole is grounded for lightning protection and shunt fed with 52 ohm coax.

Interlaced 4th element makes possible the choice of optimum spacing on all 3 bands maintaining higher forward gain and F/B Ratio.

Solid State Slim Traps

The new Hy-Gain Slim Trap (1½" diameter) is the world's smallest, lightest weight trap assembly, assures minimum wind loading as well as a trim and clean line silhouette against the sky. Its high efficiency coil and capacitor circuit is wound on and completely imbedded in the new low loss polypropylene plastic.

It is unconditionally guaranteed to be completely impervious to all weather conditions and to withstand 1000 watts AM or 2 KW (PEP). It is a completely solid state integrated assembly which is stronger than the element tubing itself.

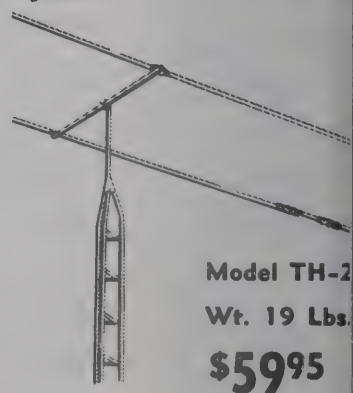
The 2-Element Thunderbird

The 2-Element Thunderbird is extremely light weight and easy to handle; installs in a matter of minutes. It goes up almost anywhere . . . apartment roofs, crowded city lots, small suburban homes . . . wherever space is a problem. It is so small your neighbors will hardly know it is in existence, but the hams who hear you on the band will! This little beam develops maximum gain possible in a 2-Element tribander. (Average 5db) . . . Rotates easily with a TV Rotator — pack it up and take it with you when you move. Boom length only 6 ft. Longest element 26 ft.

Low SWR

Guaranteed less than 2 to 1 SWR on all bands with no tuning or adjusting necessary. Excellent broad band characteristics. Designed for 52 ohm coaxial line.

Quick and easy assembly and installation from clearly written instruction manuals complete with drawings and photos.



Model TH-2
Wt. 19 Lbs.
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HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any item listed in this column.

This column is FREE to any Licensed Radio Amateur. There is no limit to the number of items an individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

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SWAP: Gonset 2 and 6 meter VFO Model 3226, like new, for Johnson 2 and 6 meter VFO Model 240-133-2. "Grid" Gridley, W GJO, P.O. Box 1294, Sarasota, Florida.

FOR SALE: Harmon-Kardon "Epic" model A250 Stereo Pre-amp and amplifier unit. 25 watts each channel. Bass and treble tone controls, 5 selectable inputs, D-C on preamps filaments, loudness control compensation, etc. One year old, like new, complete with perforated cover cost $192.45, asking $90.00 cash. Fischer Stereo preamp model 400C, 8 inputs, mag phone, microphone, tuner, tape head etc. 2 outputs, main amplifier and tape recorder. Bass and treble tone, loudness compensation, stero/monaurel output selector with d.c. on filaments. Original cost $169.50, asking $80.00 cash. Vic Clarke W4OTR, 1020 Sorolla Ave., Coral Gables, Fla. HI 6-1424 or HI 5-3785.

FOR SALE: Gonset G-77 mobile transmitter with power supply, in like new condition $175.00. Earl Carter W4YHW, 910 Oriole Dr., Miami Springs 66, Phone TU 7-4001.

FOR SALE: Collins 32V1 with instruction book, completely TVI proofed with low pass filter installed. One spare 4D32 included $275.00 plus freight or express if shipped. Jay, W4VTJ, 922 Central St., Lantana, Fla.

FOR SALE: Johnson Valiant, good condition $250.00. George Griesemer K4YSV, 770 Falson Ave., Miami Springs 66, Fla. TU 7-6409.

FOR SALE: Heathkit DX-40, 16 tube surplus receiver covering 4 to 27 mc. Heath Q multiplier, Vibroplex key, home-brew preselector, transformer potted 1400 v. at 260 ma. plus some junk box specials. All for $80.00. George E. Pepking K4IYZ, 3631 S.W. 60th Ave., Miami. MO 1-6880.

FOR SALE: Viking 500 with power supply. Elmac AF-67. Dick McCoy W4ZPO, 1739 SW 8th St., Miami.

FOR SALE: Shure model 505B dynamic mike $10.00. Carbon hand mikes $2.00 each. 813 tubes $5.00. Precision Sig Generator (E-200C) $50.00. Power supply 425 v. at 200 ma., 6.3 at 7 amp. $10.00. Mallard 10 meter converter (3 tubes) 1600 kc output. $15.00. Steve Hutt K4PYU, 8820 SW 17th St. Miami 55 CA 1-6823.

FOR SALE: Johnson 250 watt Matchbox $35.00 model 26 excellent condition no cover $40. WANTED: Collins F-455J-15 (75A4) mech filter. Bob Street W4IET, Box 441, Miami Springs 66, Fla. TU 8-7406.

FOR SALE: ARC-5 equipment T-19, 3 to 4 mc and T-22 7 to 9mc xmtrs with rack. MD-7 modulator and dynamotor, control box and antenna unit with meter. All cables and plugs diagram and conversion book. Almost all new, no junk. Best offer over $25.00. Tables included if pick-up. Al Johnson W4LSA, 67 W. 10th St. Hialeah, Fla. Phone TU 7-2027.

WANTED: All west coast amateurs plan on attending the Phillippe Park Festival May 14th at Safety Harbor, Pinellas County. Laurence L. Kirk, Chairman 535 - 37th St., South, St. Petersburg 11, Fla. for details.

FOR SALE: Alliance U-98 rotator, good working condition with instructions $20.00 Hallicrafters SX-43 in good working condition with instruction manual and speaker $70.00. Don Murray K4FMA, 1780 N.E. 146th St., N. Miami 61 WI 7-7725.

WANTED: Need c.w. stations in Orlando, Jacksonville and Tampa in Florida c.w. QFN net. Net meets 2330 GMT and 0300 GMT on 3650 kc nightly. We QRS to any speed.

FOR SALE: 813's in KW grounded grid linear with power supply, oscilloscope, antenna impedance bridge, new 4X150A, 813's, meters and many other items. Write me your needs. L. G. Hart W4NIR, 2591 Clematis St. Sarasota.

FO RSALE: Going SSB. Will sell SX-100 for $140. Ranger $180. or both $300. Both excellent condition. Will sell less speaker and low pass filter. Johnny Sample K4ZNC, 1034 Beach Court, Fort Pierce, Fla.

WANTED: Looking for 1.5, 1.8 or 2.1 mechanical filter to fit 75A3 receiver. Write Jerry F. Simons K4KXX, Rt. 4, P.O. Box 681-F, Miami 56, Fla. CE 5-0585.

FOR SALE: Globe 680A transmitter, new condition, factory wired 80 thru 6 meters. $80. Studio mike with adjustable base $8.00. Grouimes 10 watt hi-fi amplifier $30. Webcor automatic changer w/GE cartridge $25R. Bell 12 watt amplifier needs transformer $35. Sell FOB Miami. Ed Hirsch K4MZC, 1371 N.W. 172nd St., Miami, NAtional 4-8115.

FOR SALE: Heath DX-40 excellent condition, RME DB-22A, good condition, best offer takes either or both. Tom Fleming K4KSZ, 1001 N.W. 17th Ct., Miami 35, FR 9-8974.

WANTED: Mam M rotor or equivalent. State price, condition and age. Herb Ridgley K4GGX, 407 Forrest Dr., Miami Springs 66, Fla. TU 7-3433.

FOR SALE: COMPLETE Mobile rig. Heath Sixer HW-29A, 12 volt supply VP-1-12, Hygain Halo, HH-6 and Mast HM, Ant Specialties heavy duty pumper mount, coax and connectors excellent condition $65.00. Neal Atkins K9JTV, 6513 Santona St., Coral Gables, MO 6-4676.

FOR SALE: 10 thru 40 meter Hy-Gain vertical with radials $17. Mark mobile tri-band whip 6 feet long $10. Mark Mobile 40 meter whip 6 feet long $6. Both whips are helical wound. Whip base and bumper mount $5. Mark Mobile 40 meter fixed dipole helical wound $17. Sale or trade transformers and toroids for pi-network, 304TL socket, 2000 v. 300-500 ma. plate transformer. Bill Peden W4ZCD, 3452 SW 76th Ave. Miami MO 6-9560.

FOR SALE: Brand new HT-32A transmitter $550. Rus Purks K4BCN, 8481 SW 32nd Ter. Miami Fla. Phone CA 1-0285.

FOR SALE: Old QST's. Write Dade Radio Club, Box 104 Miami 1, Fla. or come to 1739 SW 8th St., Miami.

FOR SALE: Ten meter workshop beam in excellent condition. Come over and see the 1:1 SWR. $10. Art Schiff, W4UYJ, 1912 SW 7th Ave., Miami 36, FR 3-5004.

FOR SALE. SX-38E $25. Drake 2A receiver $200. MM-2 Scope with 455 or 50 kc adapter $100. BC-779 Super-Pro receiver $160. KWM-1 Mobile mounting tray $50. Jones type 261 Micro-match $25. Dick Adock, W4GL, 1340 N.E. 103rd St., Miami 38, Fla. Phone PL 4-4131

SWAP: Vibroplex bug, good condition for 40 meter ARC-5 already converted with power supply. Call or write Lee Willis KN4BDW, 1330 North Royal Poinciana, Miami Springs 66, Fla. TU 7-1835.

WANTED: Cheapest 75 meter xmtr I can get in working condition for local net operation. Richard C. Albury K4TTT, 730 Southard St., Key West.

WANTED: Manual, schematic or any logical tube swap to make a Sig. Corps SC - CD 412-44 model AMR 101 receiver work. It is HRO type made in Australia for U.S. Signal Corps. Wanted modern substitute for 6G8G tube. W. G. Doring K4RCP, Box 121, Bowling Green, Fla.

FOR SALE: Local HQ-110C receiver, excellent condition $160 cash. Heath VF-1 $10 cash. Bob — K4ROT, 1046 W. Highland Dr., Cocoa Phone NE 6-7388.

WANTED: DX-100 or similiar rig. Must be in good condition. Will pay cash if price is right. Ray DeWageneire W4VWL, Jensen Beach, Fla.

FOR SALE OR TRADE: DX adapter kit, new, for KWM-1. Collins Mec Filter 2.1 kc. New 10 meter Heliwhip and mount. Filter Condx 6 mfd 2000 volts. Stancor P-8034 transformer 2, 2.5 kv at 400 ma. Stancor S-57 2.5 v. filament transformer. SWAP Collins 3.1 mec filter and matching upper side-band xtal for 2.1 filter and matching xtal. WANTED: All-wave communications receiver. W.W. Cooper K4ZZV, 9302 N.W. 2nd Place. Miami, Phone PL 7-1718.

WANTED: A rest. Editor.

FOR SALE: SSB — used Central Electronics 20-A exciter, 20 watts output for SSB c.w. and a.m., 160 thru 10 meters. P&H model 400B linear amplifier driven to 400 watts PEP. Both units factory wired and tested, like new condition only $295. FOB. Bee Walton, K4JLD, 5175 Lake Howell Road, Winter Park, Fla. Phone MIdway 4-3198.

WANTED: Panadapter for use with 455 kc I.F. Larry Loper, W4WHF, 255 Suntan Ave., Sarasota, Fla.

FOR SALE: Zenith 3 dimensional 3 speaker portable stereophonic hi fi unit. Metal roller table free. Used but like new. Need money to help defray maternity hospital bill. Only $69. FOB Bee Walton K4JLD, 5175 Lake Howell Rd., Winter Park, Fla. Phone MIdway 4-3198.

FOR SALE: VIKING Adventurer for mobile with modulator, 3 months old. 6 or 12 dynamotor, master mobile, tri-band center loaded whip and mount. Complete package unit $65.00. Bill Peden W4ZCD, 3452 SW 76th Ave., Miami 55, Phone MO 6-9560.

FOR SALE: Heathkit "Mohican" all transistor receiver Model GC-1, mint condition. $100. Dick Jones W4-BTM, 821 NW 7th St. Road, Miami 36, Fone FR 4-8557.

WANTED: 75A4, 51J4, HRO-60 (all coils) Drake, HC-10 or HQ180 in any condition, priced accordingly. P.B. Weiss W4GMO, Rt. Box 314 W. Tallahassee, Fla.

FOR SALE: Gloybe Chief 90A Factory wired, UM-1 plate modulator, Knight VFO all in excellent condition. $100, all together. Steve Stevenson K5SCF, Noxapater, Miss.

FOR SALE: BC-522 coverted for mobile use, receiver and xmtr, with cables and remote control box $15. BC-221 with a.c. power supply and original cal-book. $50. Beam rotor, prop pitch housed, with remote indicator with transformer. "It can turn a house." $18. (No ship.) D-104-C with cable $8.50. Heavy chrome mike stand $2. Gonset III, 2 meters, like new $185. 20 meter self-supporting vertical zepp with 600 ohm matching stub into 52 ohm coax. Worked over 154 countries with it. $15. (Miami area) Andy Clark W4IYT 11 Lenape Dr., Miami Springs 66, Fla. TU 8-3874.

FOR SALE: Hammerlund "super-pro" BO-779 receiver with original power supply and book. Really excellent condition — Sensitive, stable, selective, and even looks beautiful — $115. Hammerlund HQ-129-X in good working order with book — $125. Elmac PMR-7 Double Conversion receiver with regulated 110V AC supply. Seven bands: 160 thru 10 meters plus broadcast. You cant tell it from brand new. Excellent sideband rcvr — $115.

5 inch oscilloscope, Electronic Development Lab (of Chicago) very good — cost $70 — sweep from 10cps to 60kcps — separate horizontal and vertical amplifiers — $35.

Beautiful converted Arc-5 transmitter. Bandswitching 80-40-20 meters with metered power supply, screen and oscillator regulated, stable vfo. Only — $25.

Heathkit VF-1 VFO good working condition with book — $15. PE-103 Dynamotor, 6 or 12 vdc in (selected by switch) and 500 vdc at up to 200ma out. With base that has filtering and control relays built in and long heavy battery cables. Unused and in good condition — $15.

Leece-Neville 6v alternator and rectifier. Charge that battery with the motor idling. Make offer — asking — $25. Carter 6v dynamotor, rated 420vdc at 280ma out — $12.

Novice transmitter — handbook type 6AG7-807 with coils and crystal for 80 and 40 meters less power supply —$9.

All FOB Paul B. Weiss, Route 2, Box 314W, Tallahassee, Fla. — W4-GMO.

QUICK SALE: GBS 100, excl. cond. 10 months old. $350.00. Also have NC 300 cryl. cal. $10.00; Hy-Gain tri-bander beam, $50.00; Bogen DB 10 hi fi amplifier, $20.00. Call Jerry Simons, K4KXXX, CE 5-0585, Rt. 4 POB 681-F Miami 56.

GREATER MIAMI AREA: Do you know of a man or woman steno who would like a few months temporary employment? Requirements; ham experience, shorthand and typing from dictation. Call W4SXX at HI 3-2934 for appointment.

WANTED TO BUY: SX-62 or SX-62A, in good, bad, or indifferent shape, for a good, bad, or indifferent price. Contact W4VDY, Reid Martin, Rt. 1 Box 134-B in Tavares, Fla.

FOR SALE: One 1500 volt dc UTC power supply. One 450-550 volt DC power supply (UTC) Power transformers.

1-DX-40 transmitter like new GTD to work on all bands. 1 DX-35 transmitter like new good, condition, has six meters permanently wired into transmitter, operates satisfactory on 6 meters. A 1-SX-25 Hallicrafters receiver modified, new noise limiter operates satisfactorily, will trade. 1 HQ-170 receiver, brand new — will trade plus cash. Bill Zuehlke, W8WSK 3799 Media Road, Akron 13, Ohio Telephone MOhawk 6-6214.

WANTED: HT-37 100-V or some other SSB transmitter, have some amateur gear to trade plus cash. Want three element beam state condx and price.

K4PPX WINS SKIP SIX METER W.A.S. PLAQUE

Fran Adams K4 PPX, XYL of W4QQE of 1000 S.W. 31st Street, Fort Lauderdale is the winner of the Florida Skip sponsored 6 meter W.A.S. contest with 33 confirmed states. The contest ran through 1960.

The large beautiful plaque will be presented to Fran at the Orlando A.R.R.L. convention April 9th.

Runner ups were Walt Stock, W4IIS with 26 and Virgil Salisbury K4VSC with 24.

W4IIS will receive the bound copy of Florida Skip for 1959-60.

Our congratulations to all winners and entries. If any of you 6 meter gang are interested in another kind of contest drop the Skip editor a line.

BIG STUFF

WASHINGTON. The gap in the Navy silent satellite detection system stretching across the Southern United States will be plugged this year by a 560,000 watt transmitter — one of the world's largest.

This was disclosed at the commissioning of the Navy Space Surveillance Facility at Dahlgren, Va., last week, when it was placed under the operational contol of the North American Air Defense Command.

The 560 kw transmitter will be built under the Naval Research Laboratory direction in Northcentral Texas, 35 miles from Wichita Falls. It will be five times as powerful as the largest TV transmitter and will feed one of the world's largest antennas, officials said.

The transmitter of the eastern and western Spasur complexes are only 50 kw in power. Each complex has two 108 mc receivers.

The new transmitter is being provided by RCA and the Antenna System, Inc. designed the mile-long transmitting antenna.

NOVICE DX

A report from KN4DHD, M. A. Hastings, 66 N.E. 172nd St., North Miami that he got through the iron curtain with his DX-40 to SP3DNG, in Poznan Poland. "Sandy" using a 40 meter doublet and 75A1 couldn't believe his ears when he received a RST-599 on 21,105 kc February 22nd. It goes without saying, QSL's will be swapped.

Any other Novice DX? If so, send it along to W4UHF, Novice Forum Correspondent listed on page 2.

MISSING BOYS FOUND

On February 20 the Panama City ARC and Tyndal AFB MARS aided the Bay County Sheriff's Department in a search for 2 nine year lod boys that were reported missing after leaving school at noon on that day.

Two hours later the two boys were found. When asked as to their reason for being so far from home at such a late hour, the two admitted they were just "on their way to Alaska to seek their fortune."

Don MacDonald, K4FQQ reported the following joined the hunt: K4's PTP RGE FQQ AHV and W4's: JDT FIU HYB and HQG plus WA2LQA-4.

PCARC and MARS received good publicity in the Panama City "News" and Tyndall AFB "Jet Scope".

A THANKS — OUT LOUD

Let's give flowers while they can still smell'em department; Ed Turnpaugh, K4 MAV, twice drove 'way out to my home in North Miami Beach from his home 'way down on 16th street to set my antenna system, bring me a DX-40 which he procured in perfect shape, and get me ready with help and advice.

Boots Gorman, K4KRB, who drove from his home at 144th and 12th Avenue to my place in North Miami Beach to bring a record player and code records on loan for my use. He too, has been helpful with advice to a confused and puzzled "lid". Thanks to all. 73 Sandy Hantings, KN4DHD.

LEND A HAND

How about lending a helping hand to Kent Taylor, KN4AHU, of 11110 N.W. 6th Ave., Miami, only 12 years old and getting pretty discouraged. He has (at this writing)only 9 QSL cards since going on the air in August (as compared with my over 260 since September). A kid this old and with guts enuff to do his stuff and get a Novice license is worthy of any help and encouragement we can give him — huh? ? His phone number is PL 4-8566. 73 Sandy, KN4DHD.

BLUE RIBBON WINNER

Doug Smith, K4QAP, of Ft. Lauderdale walked off with top honors at the Science Fair with his contribution to the lectronic field. Doug devised a lie detector which performed so well that the judges awarded him the first prize blue ribbon. This coveted honor entitles Doug to enter his brain-child in the state wide contest.

MARS BC 2

A review of MARS records for 1960 reveals that membership in MARS increased by several hundred. The records also revealed that the number of members whose membership was terminated for one reason or another was more than three times greater than the increase.

A number of explanations for this situation are known. However, the main reason for the great number of terminations still seems to be that the individual does not have a clear conception of MARS before he joins. He apparently does not realize that membership depends primarily on active participation in MARS nets on MARS frequencies.

You can help us to reduce this high rate of termination of memberships by making sure that any potential members that you introduce to MARS are made fully aware of the obligations of MARS membership as well as the benefits.

MARS brochures are in ample supply, use them freey. Your MARS Director will provide you with brochures upon request.

YASME III

Remember Danny Weil, VP2- of the Yasme? Well it seems that Danny and his XYL and the YASME III are in Sandiego for a few months. YASME III is in dry dock for extensive repairs. Wonder if he went to sleep again while "reading?" (W6SD Carrier.)

THE MIGHTY 6146

The RCA-6146, Beam power sensitivity, 90 watts CW input (ICAS) up to 60 mc and 60 watts CW input (ICAS) at 175 mc. Small, sturdy, beam power tube have high efficiency and high power sensitivity. It is designed for use as an rf power amplifier and oscillator as well as an af power amplifier and modulator in both mobile and fixed equipment. The 6146 has a maximum plate dissapation of 25 watts under ICAS conditions in modulator service and in cw service. In the latter service, it can be operated with full input to 60 mc and with reduced input to 175 mc.

Because of its high power sensitivity and high efficiency, the 6146 can be operated with relatively low plate voltage to give large power output with small driving power.

MEET THE S.C.M.

The new Section Comunicatio Manager for Eastern Florida i Albert L. Hamuel of Pompan Beach.

"Ham", as he is known on th air, belongs to that small grou of dedicated traffic men wh keep traffic flowing so efficentl into and out of the Nationa Traffic System. His call, K4SJH has been heard in all the are traffic nets.

It was in Bristol, Connecticu that "Ham" first saw the ligh of day. During his childhood, h was introduced to amateur radi and at the age of 17 he joine the Navy where radio became a part of his career. From tha time until 1942 he was eithe teaching or operating in th armed forces.

In 1942, he was commissione a second Lieutenant in the Air Force where he stayed until re tirement as a Major in Novem ber of 1954.

During "Ham's" 28 years o military service, he operate such stations as KA1US on Cor regidor in the Phillippines, VO6T in Goose Bay, Labrador and man other stations around the world

As DL4EF in Germany, h won three contest highs in ARRL DX contest in 1952 and 1953 an CQ DX contest for 1953, all CW

"Ham" is the new president o the Broward Radio Club and wa RM for Eastern Florida befor he assumed the SCM duties. H holds ORS. OPS, Al Operator Rag Chewers and various cer tificates. He has been the spar that kept the Gator CW net go ing, he checks into the Florid Midday Traffic net at noon every day and is active on Florid Phone Traffic Net, Tropical liason to 4th. Regional Net an others.

"Interest at one time or another has encompassed all phase of ham radio but the best love was and is traffic work". S states Albert L. Hamel, K4SJH the new SCM for Eastern Florida 7. W4TAS

DEAR MABEL

(QSY'd from front page)

she's very versatile, you know Editor, Box 501, Miami Spring 66, Fla. We acknowledge all inquiries.)

FOR SALE: COMCO 1957 — transmitter 118-132 MC, uses 12 xtals, 1 tubes (inc. 2-829bis), A.M., 15 w output, with instn. book. Best offer. call MN 1-7640 W4KOF. 825 NW 149 Terr., Miami.

Want to trade my Globe Champio 300A in excellent condition (9 mo old) for a Thunderbolt. Will pay t boot. W4JQ - 627 Avenida Alger West Palm Beach, Fla.

FLORIDA SKIP

A Non-Profit Organization

VOL.4 — NO. 12 | The All Florida Radio Amateur's Publication | MAY, 1961

ORLANDO ARRL CONVENTION IS HISTORY

Hal Shea, W4BKC

The shouting and the tumult have subsided, and the various members of the S.E. ARRL Convention and Orlando Hamfest Committees are trying to resume a normal life again. One XYL had a heck of a job convincing the kids that this man whom they hadn't seen much of during the past few months really was their daddy!

From all the plaudits that Dave, W4TOD and his assistants received, it seems the unanimous opinion of everyone that these Orlando Hamfests get bigger and better each year.

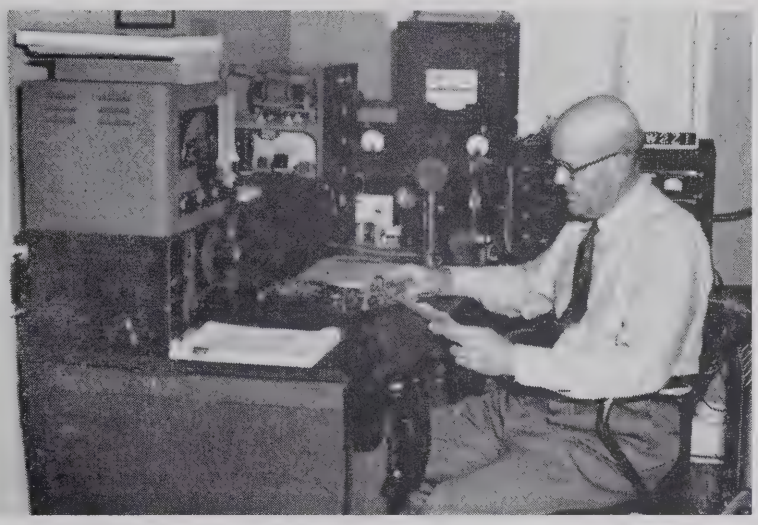
It sure was nice that "Ed" Handy, W1BDI, one of the top brass from ARRL was able to be there, gave some real good talks on how the ARRL is in there pitching for the Ham fraternity. Bubber, W4ZD sure must have been worn out, he seemed to be everywhere at once! Had one fellow ask m what Bubber had done, because there was a crowd following him, shucks sez I, thats just his family!

Mr. Flynn, the manager of the hotel and his staff really went all out to make things pleasant for everybody. Our thanks to all of you, individually and collectively. "Bernie" the Maitre de' did his usual excellent job of serving HOT food to 259 people, without a hitch. Hats off to you and your waitresses, you really did a swell job again.

Before I forget it, the winner of the complete SSB station was one of the guests from Jacksonville. F. D. Torrible K4EXG. I don't think I've seen a more excited ham in all my born days. He probably had the rig on the air about an hour after he arrived home I betcha.

I was supposed to write a separate resume of the Convention, but shucks just ask any of the gang that were there, they'll tell you all about it. If you missed attending, be sure to get there next year, you'll have a whale of a time, believe me.

Ev, K4UIZ received a charm bracelet with a rocket and her "dog tag" attached. Really thrilled with it. Thanks to all the Floridoras. (More Next Month).



Due to shortage of space last month this picture of Ed Raser W2ZI, 19 Blackwood Dr., Trenton 8, N.J., was left out. It should have gone with his excellent "OLD TIMER CHAIR" which appeared in the April issue. We suggest you reread it and be thrilled by a true story of a real OT.

GRIN 'N BEAR IT

Visiting with Bill Roach, K4-FIM, I answered his question "Are you taking — Florida Skip?" with no, but if I ever see my call in it, I will. Boy — talk about famous last words — he pulls out the last issue and there was my call K4JGT, or Keep 4 Jumping Green Tadpoles. Inclosed is my $2.00 so put me on your list and let old Bill know, I've eaten my words.

73 Blair, K4JGT
New Smyrna Beach.

SKIP ADVERTISERS
Help Pay For Your Copy

JOHN LOWE FUND

Wes Browne, W4COZ

Dear Wes:

I just read the Florida Skip and the article about John, K4-HJV. I have been sick in the hosiptal one month and had to have a special nurse for three more months but God was good to me and I am back on the air again.

If two dollars will help toward putting John back again on the air so he can talk to his friends, here is two dollars.

May God Bless you all,

This is one of the many letters received along with a donation for the John Lowe, K4HJV Fund. We wish it were possible to have every one read all of these letters. Each one is a testimonial to the fine unselfishness that crops out in every real ham when it is most needed.

Following is a list of those who have given up that filter capacitor, that new mike or some piece of club equipment in order to make our goal of a new lease on life a reality for John K4-HJV.

There is an air of optimism around the club now as we can begin to glimpse the successful end of our project.

We know that there are many more that we will hear from, and for these and the ones already heard from we can only say — A million thanks to you and our deepest appreciation, but remember your real return will come

(QSY to back page)

FLORIDA SKIP, INC.
P. O. Box 501
Miami Springs 66, Florida
Enclosed is $2.00 for 1 year or $4.00 for 3 years for my membership to Florida Skip.
New ☐ Renewal ☐

My CORRECT address is:

Name _____ Call _____

Address _____

City & State _____

FROM THE EDITOR

As you may have noticed on this month's mast head, this issue completes our fourth year of operation with Florida Skip. Who would have ever thought we'd last this long? And how many years will we continue? To answer the last question, it looks like many years to come. The way the Florida amateurs have accepted "Skip" and the wonderful support all Staff Members have received is very gratifying! The hundreds of very nice letters and kind remarks over the air is our only reward and way of knowing that Florida Skip is appreciated by you and here to stay.

Looking back over the past 4 years, we see mountains of "copy", hundreds upon hundreds of hours of labor, miles of legwork for ads by W4JO, thousands of card files handled by W4GGQ plus the keeping of records and checking accounts; hard and long laboring hours in the print shop by our publisher K4LQS; the many on-the-air skeds between publisher and editor to coordinate efforts of the publication. Yes, it's been a very busy and interesting past 4 years for us all.

Speaking for the Staff, we look forward to many years of continued support from the Florida Amateurs and in turn we will give you a service in news and other information equal to no other state publication in our 50 United States. So, tell your friends and urge them to support SKIP too. Thank you! — AC

LETTOR TO EDITOR

Dear Andy:

I would like to thank all those connected with Florida Skip for the fine job you have done. I have been away from Florida all but about six month since you began publishing and have certainly enjoyed receiving news from the home state.

As one who sat out Donna from the safe vantage point of the V.A. Hospital in Lake City at an emergency rig set up just in case (W4RMX), I am glad to see the Florida AREC Plan and hope everyone will read and observe it so as to eliminate some of the troubles with Donna.

I would appreciate it if you could mention in your next issue that our club station here at M.I.T. is transmitting High-Speed Code Practice every Monday evening at 2030 EST (8:30 PM) on 7060 kc. The session runs about an hour with 10 minutes each at 35, 40, 45, 50 and 55 wpm. The rig is a pair of 304TLs at a KW. The code is tape sent with a Boehme keyer, and our call is W1MX.

I wonder if you could send me another copy of the AREC Plan? I would like to post the FCC bulletin on interference that was on the back side so that some of the fellows in the dorm here can see what to do to get my 75 phone signal out of their Hi-Fi's. I run about a KW to a pair of 813s and modulate with HD203As which just about saturates the building. I would be glad to sked anyone needing Mass for 75 WAS after April 7. I've worked about a dozen Florida stations and have heard even more.

Thank you again and keep up the good work Andy.

73 Van—W4ADU-1
T. J. Van Iderstine
Cambridge 39, Mass.

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LETTER TO EDITOR

Dear Mr. Clark:

I want you to know that I appreciate the award your magazine has honored me with. This came as quite a surprise to me when George Thurston (our EC) called my name at our March (Tallahassee Amateur Radio Club) meeting and presented myself and several others with these fine awards.

While I realize that there are many who have done far more than myself (some of which have probably not received recognition(I am very proud to receive the Florida Skip Award. Thank you and all of the Florida Skip Staff.

Also, I would like to express my gratitude to the person who nominated me. I do not know who you are, but thank you for making it possible for me to receive this award.

Sincerely,
Frank W. Gamblin, Jr.
K4IYJ, Tallahassee

Dear Editor:

I can't thank Florida Skip enough for the beautiful Plaque I received at Orlando Hamfest. It's the most beautiful thing I ever received in my life. I want to thank Florida Skip for sponsoring 1960 6 Meter W.A.S. Contest and am looking forward to other contests which may be sponsored by you.

Thank's again, I am really proud. 73, Fran Adams-K4PPX
Ft. Lauderdale

FLORIDA SKIP CORRESPONDENTS

Feature, W4TAS, Hank McMurria 3200 Avenue "A" West, Bradenton.

R. A. C. E. S., W4UHY, Art Melvin, 1023 Brandywine St., Jacksonville.

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Net, Flamingo, W4DWN, Walt Dixon, 820 NE 123rd St., Miami 61.

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Net, Dade DEN-6, Walter H. Stock W4IIS, 7400 NE 6th Ct. Apt. 6, Miami 38.

Net, Hillsborough AREC 6 Net, W4-NOX, Paul R. Young, 839 S. Blvd., Tampa 6.

Net, FLORIDORA, K4RXD, Anne Pitcher, RFD 2, Stuart.

Mabel, P. O. Box 501, Miami Springs 66.

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6 meter SSB, W4WAQ, Pat Ferro, 1364 N.W. 23rd Ct., Miami 35.

Club, W4BAV, Catherine Seeds, 829 — 21st Ave. No., St. Petersburg.

Club, K4GPJ, Red Clotfelter, 660 E. 60th St. Hialeah.

Club, Fort Myers, Ken Stewart, W4-SMK, Box 463, Ft. Myers.

Club, Broward. K4PPX, Fran Adams, 1000 SW 31st St., Ft. Lauderdale.

Club, W4IET. Bob Street, 116 Iroquois Dr., Miami Springs 66.

Club, W4MVY, Jerry DiGirolamo, 216 Doris Dr., Lakeland.

Club, Victor A. Blackmer, Jr., P. O. Box 214, Ft. Pierce

Club, DADE, K4GSD, Nelson E. Southard, 12015 NE 10th Ave., Miami 38.

Hint & Kinks, K4UGC, R. V. Frederick, 460 NW 108th Terr., Miami 50.

SCM — WEST FLORIDA. FRANK M. BUTLER JR., W4RKH, 494 Elliott Rd., Ft. Walton Beach, Fla.

SCM — Eastern SCM, A. L. Hamel, K4SJH, 1300 NE 42nd Ave., Pompano Beach.

SEC — Eastern SEC, Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs 66.

SEC — Western SEC, George Thurston W4MLE, 3407 Prock Dr. Tallahassee.

FLORIDA SKIP NOMINATING COMMITTEE: Fran Foley W4BIL, 14698 — 63rd Way, No. Clearwater. Herb Hamilton, K4KDN, 1524 So. Lake Howard Dr., Winter Haven.

LETTER TO THE EDITOR

First of all, I want to express my appreciation to Florida Skip for the Skip Award Certificates received by myself and other Hams in Key West for efforts during Hurricane "Donna". These awards are the finest gesture I have ever seen whereby radio recognizes its own. Many people did as much as, and many did more than I did during "Donna", but all, I am sure, were genuinely pleased to receive these certificates. Recognition is not the reason for participating in emergency communications, but it is sweet when it comes.

While I am at my typewriter, I also want to comment on Florida Skip itself. It is without doubt, the finest amateur radio publication I have ever seen outside of the national publications (and in someways it even surpasses them). Not being a native, or even a permanent Floridian, I have seen a number a statewide and local publications for amateurs, but Skip takes all awards in my book. Florida can be justly proud of Skip and Florida Hams should be duly greatful to Andy and the other contributors and advertisers who make Skip possible.

As long as I am at it, one more bouquet. To all Florida Hams, thanks to you for your hospitality and frendship. Being in the service, I am always on the go. Soon my tour of duty in Florida will end and I will be on my way someplace else. I have found friends and activities elsewhere, and will hope to do so in the future, but don't think I can ever find a better dedicated group of Hams, than here in the Sunshine State. Again, it is my opinion, that you all cen be proud of the fine nets and groups you have here. Thanks for letting me be a part of it all.

Burt Witham, W4CNZ, USN
Key West Florida

ARRL OB 795

The Federal Communications Commission has issued two notices of proposed rule making, as follows. Docket 14025 to permit an applicant living temporarily outside the United States to take an examination for a Conditional Class license even if his residence in the U.S. is less that 75 miles from legal Commission examination point. Docket 14026, to permit maritime mobile operations in the band 14 to 14.35 Mc on a world wide basis.

Final comment date on both proposals is June 1. Full details will apepar in May QST.

FCC FIGURES

From ARRL's Official Observer Bulletin we learn: The FCC report for fiscal year 1960 shows 217,102 amateur stations authorized, an increase of 21,326 for the year ending June 30th last. The number of operators is estimated at 206,000.

The FCC Field Engineering and Monitoring Bureau maintains 31 enforcement officers, 18 monitorinf stations, and the 10 primary stations give 24-hour-per-day surveillance of the radio spectrum. 42 investigative, 9 test and 2 microwave cars make specialized inspections, conduct signal analysis, investigations of unlicensed stations and solutions of interference cases.

A 6-year program is nearly completed to equip all monitoring stations with automatic long-range direction finders.

The FCC report mentioned that citations issued to amateurs numbered 5,417. During the year there were 21 amateur operator license suspension proceedings; 23 licenses were revokd.

Copies of the complete report may be obtained from Sup't of Documents, Government Printing Office, Washington 25, D.C. cost 45 cents paper cover.

(Morning Watch Bulletin)

HARS NEWS

By Roy Scott — W4UHF

The Hillsborough Amateur Society, HARS, at its March and April meetings devoted considerable time to the details of OPAL (Operation Alert), the simulated nuclear attack which took place April 26th through 30th. The plan of operation, frequencies (RACES), as well as test drills were covered. All amateurs in the area were urged to take part in the drill. OPAL actually started on April 26th but did not involve amateur participation in the CD communication set-up until Friday, April 28th when the plan went into full operation and continued through Saturday the 29th tapering off from the peak traffic handled during that period. Simulated disaster traffic on a national, state and local level was handled.

Among guests at the March meeting were Herb Smith K4-LML, President of Tampa Amateur Radio Club, Louis Wilkerson, Kn4YHG, and Joe Turretine, K4-YHI.

ZERO BEAT PLEASE

ZERO — Some do, some don't. Two common methods are used. Tune the incoming signal to max strength, then slide your VFO signal into it until the audio beat note decreases in pitch to zero — That is, no beat note is heard.

Some VFO's are either too weak or too strong to make this method accurate. In that case, with your receiver BFO control set near center tune the incoming signal it zero beats with your receiver BFO. Then slide the transmitter VFO signal onto the frequency until it also zeros with the receiver BFO.

Do not change the original setting of the BFO pitch control during the zeroing process. Most equipment shifts frequency slightly during warm up so your frequency should occasionally be rechecked.

73 — W4SDR

NOVICE NEWS

By Roy Scott — W4UHF

NOVICE HURRICANE NET (NHN) now meets on Sundays at 0700 (instead of 0730) EST, on 3725 KC. New Net Control Station is K4YXE. For the benefit of new comers NHN is dedicated to training and helping Novices in traffic handling and weather reporting. Its a slow-speed net where you can meet a fine group of fellows and at the same time get in plenty of code practice.

New members in NHN are:
Kn4AWP, Walt — Tampa
Kn4YSN, Tandy — Miami
Kn4YFQ, Austin — Winter Park
Kn4NVA, Lyn — Tampa
Wn4ACI, Albert — Tampa
K4WRL, Paul — Kissimmee

Originate your traffic or pass it along through NHN. For information and details on net procedure, write Randy McGough K4YXE, 115 S. Lincoln Ave., Tampa 9, Florida. See you on NHN.

ANNOUNCEMENT

Phil Konter, General Manager of Electronic Wholesalers of Miami announces that ground was broken at the building site of Electronic Wholesalers, Incorporated, on April 10th. This new building. which will be located at N.W. 94 Street & N.W. 27 Avenue will almost triple the size of their present location. Will be completely air-conditioned, with facilities for meetings of those Ham Organizations who might like to have a regular meeting place, on scheduled club nights.

HINT AND KINK

Here is a Hint and Kink adaptor from an amphenol four pin plug to a single prong plug, ordinary type. (91-MC-3M1 to GC-7788). An added advantage to this adaptor is that is swivels enough to allow single prong to turn when mike cord is moved to either side or up and down and therefore takes some strain off the twisting mike cable. 1. remove ground lug from GC-7788. 2. Remove spring from amphenol female 91-MC3F cable jack. 3. Solder two small flex wires between 88 and 3F. 4 Slip outer ring of 3F over 88, screw down, but not too tight. 5. By using a male amphenol 91-MC-3M1, we now have a three-in-one plug which will allow GC-7788 to move in up/down or right-left position thereby taking twist strain off the cable. Fred, K4-UGC, Miami.

ARRL MEMBERSHIP

Your ARRL membership assures you of representation in international as well as domestic fields, essential to the maintenance of broad operating privileges for the Amateur Service.

As a Full Member you are eligible for any organization appointment in line with your qualifications and special interest, and with the required continuity of membership you are eligible for nomination for division director or SCM.

As a member of the largest and strongest amateur organization in the world, the choice by yourself and fellow members of the directors representing you on the Board of Directors in guiding League policy is of great importance toy ou and the future of amateur radio. JOIN TODAY.

He rocked the boat,
Did Ezra Shank,
These bubbles mark

0

0

0

0

Where Ezra sank.

A great deal more space is being provided for the amateur equipment display in keeping with their policy of providing the finest for the ham. The present schedule calls for occupancy about July 15th.

INTELLIGENCE TEST

This is in the nature of an intelligence test and consists of questions listed herewith. The answers elsewhere. If you answer 80 percent correct you are a genius. 50 percent is normal. 25 percent is sub-normal and 10 percent indicates an idiot. Ready? Here we go.

1—Do they have a 4th of July in England?

2—Why can't a man living in North Carolina be buried West of the Mississippi River?

3—How many birthdays does the average man have?

4—If you had only one match and entered a room in which there was a kerosene lamp, a fire place loaded with kindling, a wood burning stove and you were very cold, which would you light first?

5—Some months have 30 days, some have 31 days. How many have 28?

6—How far can a dog run into the woods?

7—A man has two U.S. coins which total 55 cents and one is not a nickle. What are the coins?

8—A farmer had 17 sheep. All but nine died. How many were left?

9—Take two apples from three apples and what do you have?

10—A woman gives a beggar 50 cents. The woman is the beggar's sister, but the beggar is not the womaan's brother. How come?

(From "Mike Shy" — Chicago)

(1) Sure they do — it's the day after the third. (2) you don't usually bury a live person, you dope. (3) Only one. The ones celebrated thru the years are only for the benefit of the merchants. (4) You'd light the match first, of course. (5) All of 'em have 28 days. (6) Half way — after that he's on the way out, stupid. (7) A nickel and a half dollar (8) Strange as it seems 9 were left. (9) You have two apples silly. (10) Well, the beggar is the woman's sister — anybody knows that . . .

NOW OR NEVER

Donna has stimulated interest in emergency communications. The two prime factors involved are: experienced operators and stations capable of operation under adverse conditions. The latter is beyond the reach of some, but the first factor is available to every amateur.

Almost all emergency communication is effected by a strategically located group of stations operating together in a controlled and well disciplined network, passing formal radiogram traffic. Hence, and experienced operator is one who is sufficiently acquainted with net procedure to participate in such a net with maximum efficiency and minimum interference, and intimate with the transmission and reception of standard form radiogram traffic.

These qualifications can best be had by active participation in traffic nets; daily or as often as possible. At least listen to a net and observe carefully the procedures. Originate a message to a friend and pass it for practice. Even if you have to pass it on the landline to another ham do it.

Anything to keep your technique from getting rusty will help. Possibly your help will be desperately needed this summer. You will be eager to help. But without experience, your usefulness is reduced and your participation in an emergency net would result in lost time and confusion, in some instances — momentary chaos.

Examples were heard on several nets during and after Donna, Remember

73—W4SDR PAM E. FLA.

(Editors Note: Keep Your AREC Plan Handy At All Times, If You Don't Have One, Let Us Know. AC)

MARS BC 5

A recipient of a Chief MARS originated message recently asked for a confirmation and repeat of an entire message. Upon comparing the original message with the message that the addressee had received it was discovered that strange things had occured during its transmission.

The originators line had been replaced with that of a relaying station. The to line had been rewritten. The text was several groups short and some groups appeared that were not in the original.

No resemblance to the original text or meaning remained. In this instance it appears that poor phone procedure and an inexperienced MARS station operator were the causes. Fortunately this type of message misshandling is relatively rare but it does indicate that even in the best of training programs there is always one individual who does not understand or did not get the word.

FLORIDORA YL ACTIVITIES

By Fran Adams, K4PPX

On April 9, 1961, the Floridora YLS held their Annual Business Meeting and have elected their new officers. The 1961-62 Officers of the Floridora YL's are as follows:

Pres.—K4RED-Lucy
Vice-Pres.—W4HRC-Little Bo
Sec.—K4ANR-Ruth
Treas.—K4RCX-Jeri
Publicity—K4DRX-Anne
40 Meter Net Mgr.—K4JZX-Joan
SSB Net Mgr.—K4VRV-Rinnie.

Many thanks to K4UIZ-Ev for the beautiful Floridora YL Birthday cake. The Floridora YL party was held at the home of Ev. Hal gave some of the gals and OM's some bus ride. The trip will be remembered for some time.

The Floridoras presented Ev with a beautiful bracelet with her call and a rocket charm. Many thanks to K4RCV, Bill for his help.

Certificate 153 has been issued. 152 went to K5JXD-Marge. The Floridoras are proud to announce that we made the 100th membership.

Ga. Peaches have announced ½ Ga. Peaches are now counted as 1 whole peach for their certificate.

The Floridoras have sent their donation towards the Lake Wales Radio Club for the John Lowe Fund.

There soon will be pins made of our Floridora for some of the gals, W4WPD-Shirley is in charge of this.

SICILY REPLYS

Editor, Florida Skip:

I thank you very much for kind sending card, photo and Florida map. All very pleased! Sorry but at time, I have not any photo of my shack and its operator.

I am very obliged for your kind help putting in Florida Skip my letter to W4DQS. I thank you a lot! But very hardy to work all Florida Counties, according my QRP!

Incidentally, say, I got some time ago "WACI WING DINGERS" certificate No. 64 (November 1960) and few days ago "Calfornia Award Cert. No. 2, very enjoyed same.

Best wishes, good luck and success and 73 to you and to all Florida boys.

Fraternally yours
Gius, IT1AGA

(Editors note: Gius sent his QSL. On it he lists 68 awards, age 63 and has worked 23,951 QSO's since March 1952. Can anyone top this?)

UNCLAIMED DX QSL MUST GO

From the W4-K4 QSL Manager: "I would like to advise the Florida gang of my Campaign to get some of the unclaimed QSL cards backlogged out, and was wondering if the Florida Skip readers would send me a self addressed-stamped envelope as soon as possible to help clear this back-log which runs better than 100 thousand unclamied DX cards. This back-log required a very large percentage of a QSL Bureau's activity and represents 1958 to the present time.

I would like to urge all amateurs, including the Novice and Technician licensees to forward at least one envelope, being sure to put your call sign in large letters in the upper left corner. If no cards on file, all envelopes will be held for future use. Do it today, PLEASE! 73 Tom Moss W4HYW, Box 20644, Municipal Airport Branch, Atlanta 20, Ga.

DX-FLASH-ARRL OB 794

For all DX workers and amateurs interested in the ARRL Countries List, the following information with effective date of certain changes in that list is now announced.

The following constitute two new and separate country listings each to become acceptable for credit July 1, 1961. Kure Island: Confirmations for contact with Kure Island stations must be dated November 15, 1945 or later. Kure Island stations have used the prefix KH6.

East Pakistan: Confirmations for contact with East Pakistan stations must be dated November 15, 1945 or later. Confirmations received for either of these additions before July 1, 1961 will be returned without credit.

W4DUG NEWS

By Walter MacKillop, KN4AWP

The Tampa Amateur Radio Club held its annual election of officers March 20th. The following were elected:

Herb Smith, K4LML, Pres.
Jim Bingham, W4KRC, v. pres.
Gretchen Doris, W4UTL, sec.
John Fogarty, W4CI, treas.

Directors are:

Earl Miller K4HFF
Joe Turrentine, K4YHI
Louis Wilkerson, KN4YHG
George Harrison, KN4YBD
Walter MacKillop, KN4AWP

Ray Murphy, W4BNE, President of HARS, made a short talk on the importance of all amateurs participating in OPAL (Operation Alert) in April. Plans were discussed for members to take part in this important alert.

FACTS

YOU SHOULD KNOW ABOUT ARC, WHY IS ARC THE BEST PLACE TO GO FOR ALL YOUR "HAM" NEEDS?

Amateur Radio Center, Inc., is a Florida corporation owned and operated by "HAMS" devoted exclusively to the sale and servicing of "HAM" equipment, we are dstributors for all the leading makes of Amateur equipment and accessories, we have the most complete stock in the southeast, whether it be a crystal for the Novice rig or a Johnson Viking Kilowatt you will find them in stock at ARC.

Our building is air conditioned, there is ample free parking, the coke's are always on the house. We have a tube tester for your convenience, we have a complete "HAM SHACK" and can give you a demonstration of any equipment in our stock. We will advise the beginner and welcome advice from the old timer, you will always get fast personal service at ARC, no problem is too large or too small, our time is your time.

Whether it be BUY, TRADE, SELL or SERVICE, you will always get the best deal anywhere, you will get every buying advantage at ARC, come in and dicker with us. We offer you a free trial privilege in your shack, 90 day warranty, easy terms to suit you, you must be satisfied or it is no deal.

If you have been wanting to see the new Central Electronics 200-V or the MM-2 scope, the new Climaster ZEUS, Polytronics 6 and 2, Johnson Viking Invader, 2000, Viking KW, Hallicrafters HT-32B and HT-33B, Gonset G-76, Collins 30S-1, Alden operating desk, Drake 2A, RME-6900, Gonset G-63, P & H LA-400C, Hallicrafters SX-62A, Ameco TX-86, Autronic Keyer, Mosley S402, Hy-Gain 402B, Telrex TC-99, Webster Band Spanner, Mark Heli-Whip, Cush-Craft, E-Z Way Towers, come to ARC, these will all be on display at ARC when available. You will always see the latest first at ARC.

We are open Saturday afternoon and every week day until 6:00 P.M. If you need something in a hurry just pick up the phone and call FRanklin 4-4101, ask for the "Senator" Wiley (W4WSJ), your order will be on the way with no delay, your credit is good at ARC.

Amateur Radio Center, Inc,

2805 N.E. SECOND AVENUE **MIAMI, FLORIDA**

PHONE FR 4-4101

6 METER SSB

Pat Ferro, W4WAQ

"SIDEBAND ON THE MOVE"

Easter Sunday gave a new lift to the 6 Meter Band, and provided some renewed interest and a real treat to the SSB boys.

The Band opened to Argentina and Uraguay at about 1645, and closed in approximately 30 minutes.

Six LU's were heard with good copy and 2 CX's also gave good copy.

At 1900 K4OCK and K4DI, 2 Miami Sideband stations, were chewing the rag when they were joined by W4WAQ, also in Miami. The QSO was centered about Jack, K4OCK's new Kilowatt 6N2 Thunderbolt Linear with a real potent signal. In a matter of minutes, the three Sidebands were joined by Don, W4ACT, another 6N2 Sideband Kilowatt, from Naples, Florida.

Don, W4ACT, works the Miami stations nightly, starting about 1930 EST and puts in a S9 signal into Miami. Now, with K4-OCK, W4ACT(and W4WAQ, all running Johnson 6N2 Thunderbolt Kilowatts, the conversation naturally centered about comparison of the three Kilowatts.

Some 30 minutes later, the quartet in QSO were joined by 2 more Sideband stations, Grid, W4GJO, and Bill, K4QHN, both of Sarasota, Florida. Both signals here in Miami were S7 to S9, and the QSO centered about the earlier band opening to South America, and discussion about more frequent hook-ups between Miami and Sarasota, Florida. With high power SSB contacts at this distance, can easily be made nightly occurrences.

During the 'roundtable' discussion, a powerful 20 over 9 Sideband signal from Texas, Omar, W5AVV, broke in, now making 7 SSB stations in QSO.

While the Sarasota stations were reading W5AVV, W4ACT, Naples, swung his beam toward Texas, and was reading the Miami station off the side of his beam. All in all, Texas, Sarasota, Naples, and Miami were all reading each other — 7 SSB stations, from Texas to Northwest Florida to Southern Florida, all commenting on the strong signals.

This type of 'rundtable' is not unusual on 6 SSB, and much more of this type of roundtable is in the offing with the increasing number of high powered SSB coming on 6 Meters.

In the 14 months that I have been running a Johnson 6N2 Kilowatt Thunderbolt, this is the first time, in a SSB 'roundtable' that four of the Thunderbolts were in action at the same time.

6 Meter SSB has been assisting greatly in keeping the 6 Meter Band active, and in opening up new areas with their high power.

All of these SSB boys should be given a vote of thanks for their 'pioneering' in establishing new paths for 6 Meter. They are:

W4LIP, K4OCK, K4DI, W4-BLW, K4SPN, K4SLF, all Miami; W4ACT, Naples; W4GJO, K4-QHN, Sarasota.

Listen in nightly on 50.108 for the SSB stations!

DADE RADIO CLUB HAPPENINGS

Nelson E. Southard, K4GSD

The Dade Radio Club would like to congratulate the Orlando Radio Club for a FB Hamfest. The Dade gang had a real good time. Members of the Dade Radio Club in attendance were: W4BWP-O. B., W4DTJ-Carl, K4GSD-Nelson, W4LQN-Paul, K4MAV-Ed, K4PFB-Jake, K4-RRB-Bruce, W4WYR-Evelyn, W4ZPO-Dick, and last but not least W4JKK, Stan, who went up aeronautical mobile!

At the last meeting we heard a very interestingt talk on the history of receivers by Dick Adcock, W4GL. Also, a movie "Basic Electronics," was shown, and coffee and donuts were served. The club scheduled a beach party for April 23, at Haulover Beach, and we hope everyone had a lot of fun. Our programs and activities are getting better and better every month, so if you are not taking part you sure are missing a great time. We meet on the first and third Wednesday of each month at the Merrill Stevens Dry Dock Building (right next to Dinner Key Auditorium).

The club is sending a contribution to the John Lowe Fund, and we hope the Lake Wales Club reaches their goal soon.

K4PFB, Jake, reports that everything is FB on SSB. Jake is the only member to win a door prize at Orlando, he won a $5.00 gift certificate.

KN4WML, Jan, is now K4-WML because she got her technician, and I understood her general is not far off. Jan is the 100th and youngest Floridora.

K4YSS, Paul, is assembling his new Heathkit Warrier. Next month we'll report how his DX on channel 2 is comming.

K4RRB, Bruce, will be with Uncle Sam come May 11, he is going into the Air Force.

FORT MYERS ARC NEWS

One of the best meetings held by the Fort Myers gang was the one several month ago when we had the big auction. Club members brought their surplus gear to auction off, with the club getting 10% of the proceeds. Everyone had a swell time, especially our auctioneer, K4TWW, who is a professional TV announcer. It's a great way to raise money for the club, a lot of fun, and everybody swaps their old junk and white elephants for new junk, and somebody else's white elephants, hi. Try an auction at your club, we plan to do it often hr.

Local splatter — The Fort Myers 6 meter gang meets on 50.4 nightly at 2000 EST. Quite a number of check ins lately. W4-KET joins them with 50 watts, a beam and HQ-170 receiver. Herb plans to run checks with K4TFS in Miami to see how 6 will work for C.D. purposes.

The Lee County CD Plan has been approved announced Director Hitzing, and equipment will be arriving soon. Some generators and surplus gear is now on hand, and will be set up at the Page Field Station. Radio officer W4KOB has been the sparkplug along with Director Hitzing in getting the local Civil Defense organization off the ground.

With the higher frequencies acting sick due to lack of sunspots the local DX hounds don't have much to report. W4LNE, W4KET, and W4PJG say they are working the boys on some of the special DX expeditions, but that is about all. After you work a lot of countries you turn into an SWL, just sitting and listening for that rare new one. Looks like 80 and 40 meter CW and SSB will be the place to look for DX in the next few years anyhow.

Understand the Orlando Hamfest was a big success as usual. Think some of the local gang made it, but the writer didn't due to a bout with a virus. CU all next year I hope.

We were all saddened to hear of the death of Roy,W8CL/4, at his home in Ohio. He was a staunch club member and annual winter visitor, and did lots of work at the Fair a few years back.

Had a nice QSO on 40 with Tom, K4MAQ, of Hurricane Donna fame. He wished to be remembered to all the gang. Tom made a lot of friends here during the big blow, and sure helped us out of a jam.

All visitors in this area are invited to come to our club meetings the third Monday monthly. For time and place write Box 463, Ft. Myers, or phone ED 7-5734 after 1800. Local C.D. now meets the 4th Monday of each month at C.D. Headquarters.

Lots of Conditional Licenses cropping up locally it seems. We won't argue the merits or shortcomings of this type license, but unless you are physically handicapped there isn't much excuse for not going before the FCC. You'll feel a lil better with that General Class Ticket I think. Besides, Ft. Myers is less than 125 miles to the Tampa FCC office, and the law sez this is close enough to make you appear in person. A word to the wise, etc.

If any of you read this column after finishing with Mabel and the Hambars, how about suggestions, gripes, etc. on how to improve the info we put out. Local news, suggestions for sermons, etc. are welcome. Please send 75S-1 receivers in place of any praises you may have for the author. We believe in the saying "Thanks don't buy grits." 73 till next time. Ken-W4SMK.

NEW MOBILE STICKER

The Chuck Baer, K9TVA Enterprises of 6429 North Glenwood Ave., Chicago 26, Illinois announces they now have a new pressure sentitive sticker reading: "This mobile radio transmitter is under the jurisdiction of the FEDERAL COMMUNICATIONS COMMISSION, Washington, D.C. It is a Federal offense for unauthorized persons to tamper with radio equipment licensed by an agency of the United States Government. MEDDLERS will be PROSECUTED as the LAW provides."

They will sell for $1 to $2 depending if they are for indoor or outdoor use or if of aluminum or plastic. They also have been selling a Civil Defense medallion, 2 inches in diameter, chrome plated with the circle and triangle in red and blue. It comes with an adhesive back but can be attached to pins on the back so they can be worn. Write for their Free Flyer.

PHILIPPE PARK HAM FESTIVAL

Mr. Laurence L. Kirk of 535 37th St. South, St. Petersburg, Florida, Ham Festival Chairman for 1961 reports that the date tentatively is set for May 14th at Safety Harbor, in Pinellas County. Watch for details elsewhere in SKIP.

FLORIDORA YL NEWS

By Fran Adams, K4PPX

K4ANR-Ruth has been doing a FB job as Sec. Since K4OYB-Vivian was taken ill. W4BWR-Ruth was visiting in the Miami area and worked K4PPX on 2 meters and was directed to Fran's house, had a nice eye-ball. Ruth talked about her all new S-Line.

K4BDF-Sue will be going mobile on 6 meters (50.7) on her way to Orando. W4CWV-Annette and K4PPX were asked to Audit the Treasurese's books. W4BIL-Fran has been checking into the net after a ong absence.

W4HRC-Little Bo has been checking into the net on Sundays and Mondays. K4HSC-Meg won't be coming to Orlando and sends her regrets. Meg will soon be heard from her cabin in Hiawassee, Ga.

K4ICA-V. Mayree is running for V.P. of the YLRL. We are all pulling for you. W4IUR-Mim has done a fine job as Net Manager, nominating Comm. Chairmen and etc. Good gals to have on our side.

W4KJE-Toni is doing a FB job as NCS on the Dixie Early Bird Net. K4JZX-oJan was NCS for March did FB. Joan has a new HT-37. K4LFA-Dot checked into the 40 meter net, her OM has been reading the mail on us gals. K4LVE-Gladys puts in a nice signal from Orlando her new QTH.

W4MUY-Dot where are you? K4OYB-Vivian has left her new QTH.

W4MUY-Dot where are you? K4OYB-Vivian has left Florida to be with her OM in S.D. She plans to be back next year. Good luck, Vivian. K4PPX-Fran was very happy to hear she won the Florida Skip VHF-W.A.S. Contest.

W4PXY-Patty was in the hospital for a few days with a blood clot. It's fine now, and plans to fly to Orlando for the Hamfest. K4RCX-eJri has done a grand job as Treasurer, since K4HSC-Meg's illness forced her resignation. Jeri jumped in and took over. Jeri can't make the Hamfest but is making plans for next year.

K4RED-Lucy is so happy these days for her dream has come true, she will be leaving for England May 30. Real fine, Lucy and Good Luck. K4RNS has done a wonderful job as Pres. and know she'll be there to do all she can in the way of help for our next Pres.

W4UF-Dot sure puts in a good SSB signal, she is set up for receiving, too. As Dot is the old stand-in for net control; she hears them all. K4UIZ-Ev is doing a FB job as NCS on Sunday morning net. Check in gal and help it grow.

K4VRV-Rinnei plans to be at Orlando. Rinnie has been having a ball on 6 meters. W4WPD-Shirley reports 152 certificates issued. Shirley plans to be at Orlando. K4YDB-Betty was NCS for April. Did FB.

K4SOL-Tomi has a new KWS-1 SSB, also a Gooney box for 6 meters.

NEW GALS:

K4PME-Kitty and her OM-Jerry have a Cessna and flying license. They have a cabin near K4HSC in Ga. . . K4UHA-Jodie has been checking into the net with a nice signal from Panama City. WN4AIO-Louise our new novice from Ormond Beach. K4-LWA-Mary from Miami been heard on 6 meters.

CHANGE OF ADDRESS:

K4LVE-Gladys, 3002 Hertha Ave., Bonnieville, Orlando, Fla.

W4PPQ - Kitty, 7673 West Tropicana St. West Hollywood, Florida.

HAPPY BIRTHDAY:

May 2 — W4HYV; 6 — K4-YTC, KN4VOO; 7 — K4HSC; 10 — KN4ZXS; 13 — KN4NTP; 15 — W4GAN; 19 — K4IRZ; 28 — W4BGF; 30 — K4PBW.

CERTIFICATE

The North Florida Amateur Radio Society (NOFARS) which now sponsors the "WWD" certificate have awarded some 100 certificates in the past year and extend a cordial invitation to any amateur to contact seven local members if they are located in the continental U.S. and only three contacts if they live outside the limits.

We would appreciate your help in setting the record straight that all certificates properly earned and applied for are sent first class mail within 45 days after being OK'd by the Board of Directors of the Club. 73 W. E. Allyn, W4HLE, Pres. NOFARS.

6 METER NOTES

K4IJM-Maureen's mother is in the hospital quite sick therefore Maureen may not be at Orlando. Hope your mother gets well, soon. W4TQE-Shirley really did some QSO-ing with her mobile rig during our recent band opening. K4PVT-LaVelle plans to attend the Hamfest after she visits with her family in Tampa.

All the Floridora 6 meter gals were on during the opening to North.

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TO ADVANCE THE ART

Over the past years many things that would help amateur radio have been advocated and a few have been almost universally accepted — some not quite as much as others, and of course not without some struggle on the part of the ones who first advocated the ideas.

During the past couple of months there has been a rapid advance toward the adoption of the use of Greenwich Mean Time by all amateurs due, as far as I can see, from the Hallicrafter ads in the various radio magazines and most notably in QST. Undoubtedly the national coverage of such magazines have a lot to do with the rapidity of adoption of an idea, for PANN started years ago with articles urging traffic handlers, at least, to adopt GMT for their schedules, and finally got to the point where it was mentioned at rare intervals. What with QST shifting to GMT in the W1AW sked lists and giving nothing but GMT in the annual list of nets, it looks as though the amateur will finally get on a universal time. As you know, the nets listings in PANN now carry the GMT and not the various other times that could be used, confusing as they are. Most Net Managers now show their net times in GMT on the report sheet which is used to report news to PANN. Now that GMT is getting the use it should, perhaps it is time for us to revive something else that could do more for the traffic handler than anything else we could mention.

Some years ago, W7OE came up with the idea of we amateurs monitoring our "Calling and Emergency" frequencies (you know, that list of frequencies carried in the Operating News portion of QST each month), YB's idea being to use these frequencies as a calling only frequency and once contact is made to shift to some other spot for the actual QSO. Quite a few pages on the idea were printed in PANN and some notice of it was made in QST, but the vast majority of amateurs paid little, if any, attention to the idea. Actually, the idea was not new with YB, as he will readily admit, as it has been in use world-wide by ships for many, many years — the Navy has its calling frequencies — and it has been used by other branches of the military for a good many years. However, ships at sea, ships of any nationality have long used 500 kcs as a calling frequency and once the contact is made a shift is made to another frequency to handle traffic. All ships and all shore stations stand guard on 500 kcs for distress traffic, and there are probably more receivers tuned to that one frequency than to any other in the whole spectrum. So why should not the amateur have his calling frequency for the same use—the frequencies are already set aside — 3550, 3875, 7100, 7250, 14050, 14225, 21400, 28100, 29640, 50550 and 145350 for the United States and for Canada 3535, 3765, 7050, 14060, 14160 and 28250.

For ordinary CQs one would do the same as now, but for contacting any particular place or any certain station, calls would be made on the "C & E" frequency of the band in which the station wanted was known to be most active — just a 3x3 call and a long enough listening period to be sure they had had time enough to fire up their transmitter. While the obvious advantage of this system is apparent in the getting of traffic closer to its destination without too much calling, just imagine the advantages in cases of emergency. One call and you would be practically assured of getting hold of some station. If, as it is in the shipboard radio shakes, it were universally adopted by the amateurs, it would mean that every receiver that was not actually in use in a QSO would be tuned to one of the "C & E" frequencies—thousands of receivers set to predetermined frequencies waiting for a call.

However, it must be remembered that these frequencies are to b usd for CALLING only — no QSOs at all are to be carried on the frequency — once contact has been made the stations move to another spot to carry out their QSO, no matter how short they expect it to be—thus leaving the calling frequency open for any other station who wishes to call. Also, the ordinary CQ calling would be made on other than the "C&E" frequencies — just the same as it is now done, with the "C&E" frequencies used for directional or specific place calls.

It is hoped that more attention will be paid to this plan in the coming year and that it will at some close date become standard practice with the serious amateurs — the apparent advantages are so great that W7OE's plan should go into effect as soon as possible — any delay is just time lost. Why not get your net members to guard the "C&E" frequency in the band in which your net operates — give it a good try and see how much it will help in making contacts at odd times.

(From PANN, Editor W7FIX)

WESTERN FLORIDA NEWS

By Frank M. Butler, Jr.

W4RKH

Tallahassee: A large group of W. Fla. hams met to hear W1-NJM, National EC, speak. HXH handled traffic for Industrial Arts teachers during meeting at FSU. Aiding were WEB, K4-BDF, K4FTJ, K4ARK, and K4-QVL. MLE and RKH attended Florida CD Comm. meeting in Jax, and met with SCM and SEC of E. Fla. TARC is looking for good F.D. site. MLE still working on 30-tube homebrew rcvr. DDY and MLE are working on plans to tie together Ga. and Fla. Emergency Nets.

Quincy: K4EYC is new EC for Gadsden county; one is still needed in Marianna. K4QDN built new 65w CW rig.

Chattahoochee: FIW will be active on 75m phone soon. K4-DFY is in service, but operates 40m CW on visits home. Port St. Joe: A phone net newsletter, similar to that of QFN, is being considered. Send your ideas to W4WEB.

Monticello: K4 BDA is QRL school work at Madison Jr. College, plus announcing at local BC station. Ft. Waton: EARS is buying 2m transceiver, to better equip it for CD work. SRX will also be equipped with SSB soon, if plans work out. UBR is experimenting with VLF while ATA takes over QFN.

Pensacola: NAS Club classes are going strong. K4FOG writes an interesting column in Gosport, NAS paper. LMH has new KWM-2. VHF club mobiles provided comm. for sports car races near Pace. W3HJU-4 is new contributor to Highbander.

MOBILES GO RADAR

FROM THE PRESS: North Tonawanda, N.Y. (UPI) — An electronics firm here has developed an "ultimate weapon" for the motorist — an anti-radar radar device which can be mounted in an automobile to seek out and "neutralize" radar speed traps.

Providing the motorist with what in effect is his own Distant Early Warning (DEW) system against surprise attack, the gadget is being marketed by Radatron Inc. under the name "radar sentry."

It weights 11 ounces, is battery operated and small enough to fit in the palm of the hand. It can "feel" radar impulses focusing in on a moving auto from 1,200 to 1,500 feet away — about a thousand feet before the critical point where a police monitor can start to measure accurately the speed of the "target".

The advance warning would be enough for all but the most determined speeders to slow down before they are "fixed" by radar.

William L. Waytena, 33, general manager and founder of Radatron, said radar sentry was developed in response to numerous complaints about the way police in some areas "use radar to collect revenues."

"We have received hundreds of letters, especially from the South, complaining against the uncouth tactics of police in hiding their radar installations in trees or bushes or stopping motorists going only one or two miles over the speed limit," Waytena said.

(Editrs Note to Miami Mobilers: Have you tried the Miami Springs Radio Club transmitter hunts? We don't use "uncouth tactics" but we do have loads of fun hiding in bushes, in trees, telephone booths, on buildings and just about any place. Each Friday, 2000 EST, 29,000 kc in northwest section of Dade County.)

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OLD TIMERS CHAIR

Our Old Timers Chair column takes us all the way to San Gabriel, California, the home of Raymond E. Meyers whose call is W6MLZ.

"Heinie" is the Southwestern Division Director of ARRL, a member of the Executive Committee, Chairman of the membership and publications committee and a man dedicated to exploiting Ham Radio for the benefit of the rest of the world.

It was back in 1910 that "Heinie", with his brother, started operating on 300 meters in Brooklyn, N.L. Their self-selected call was 2MI. They helped set up the old Erasmus High School rig with 20C as the call. A QSO Yonkers, some twenty miles away was good DX.

In 1912 he left his job as the youngest man on the staff of Commercial Cable Company and came to Florida for Henry Flagler the railroad magnate, to exploit Miami, during which time he drifted over to Miami Beach to do odd jobs as WST which was under construction.

Two years later, a destroyer squadron visited Miami to show off the Navy to the winter visitors and one "tin can" had no electrician or radio operator as one man did both jobs. "Heinie" made the trip back north as a civilian volunteer. He liked the trip so much, he joined the Navy in 1914 to take a new course called "Wireless".

His Navy career found him on submarines, destroyers, torpedo boats, cruisers, battleships, aircraft and even the old dynamite ship the "Vesuvious" which could run faster astern than ahead. His first four years of duty included service on 26 ships and one shores tation. As there were only about 20 good operators in the whole Atlantic Fleet, he would no sooner put into port than he would go right back to sea to serve on another ship that badly needed an operator.

"Heinie" was one of the few men in those days to make Chief on his first cruise. He says it was by accident that he plunged into a flaming powder magazine at Newport and pulled out two survivors, one totally blind and the other recently retired—but still alive. His skipper convinced him he should give up a good job as Chief Electrician of the American Engineering Co. in Philadelphia and re-enlist.

After going through World War I with the destroyers off Queenstown, the old Navy Patrol planes stationed near Bordeaux, a d/f station near St. Nazaire, "Heinie" made six or seven trips from France to New York on the troop transport "Floridian". The Navy took note of his ability and sent him to NBD, Bar Harbor as Chief in charge of the Ship-Shore circuit. Two of his gang are living in Florida today. They are W4TR, L. W. Dufresne in Pahokee and George Best in Ft. Lauderdale.

Later, he rejoined the fleet as Staff Assistant to Admirals A. H. Robertson, S. S. Robinson and other famous names. It was on the old Seattle that "Heinie" first met Fred Schnell, W4CF and Colonel E. White, an Ensign in the Supply Corps and who's signature later appeared on many ham tickets for years.

To help an old friend, W3DQ, he retired from the Navy to take a post as Chief Engineer of WDEL. He took a leave of absence from this job to join Sir Hubert Wilkins on the first attempt to reach the North Pole aboard the submarine Nautilus in 1931. Returning from the ice packs, he was awarded the International Gold Medal for the outstanding radio work of the year and was sent to NBC's WBZ-WBZA where he was master of ceremonies for three commercial andone sustaining programs only to take leave to join the LeCato—Williamson Amazon expedition.

A plane crash put "Heinie" in the Philadelphia naval hospital for nine months where he was advised to go to California (should have been Florida) for the sunshine. He operated KPH, changed his call from W3AJZ to W6MLZ in 1935 and shortly afterward was appointed Chief Radio Inspector at Mare Island Navy Yard. Along came the war and after a few hectic days at Pearl Harbor, Midway and Coral Sea, he was picked by Admiral Nimitz to be his representative on the West Coast to expedite the flow of radio, radar and sonar equipment to the fleet. He established the electronics pools for the entire Pacific Ocean area and retired the second time in 1947, accepting the appointment as Superintendent of Police (communciations) for the city of Vallejo. While there, he formed several radio clubs and served as President of the Bay Area Council of Clubs. He moved to Southern California in 1951 and joined Lockheed Aircraft as Manager of Radio Operations and Facilities.

"Heinie" has served with the Los Angeles Council of Clubs as Vice Chairman, President of the Lockheed Ham Club, the 50 Club of California, the Ramona Club,, active in Boy Scout affairs and was appointed Chairman, Amateur Committee of the 9th. Plenary Assembly of CCIR by the State Department. He made history with the Special Events station K6USA. Congress passed a bill permitting foreign amateurs to operate this station, the White House opened the Plenary assembly via Ham Radio, six countries permitted third party traffic to and from K6USA and since that time five new countries have been added.

His efforts have brought about a weekly newspaper column with a large Los Angeles paper that won him an official commendation from the Navy Department. He has instigated several TV shows and made arrangements for others exploiting the Hams. His memberships include the Deforest Pioneers, The Old Timers, The Old, Old Timers, QCWA, AFCEA, APCO, IMSA and IRE. He is Vice President of AFCEA and Chairman of the 11th. Radio District CIC.

I wonder how many of the SKIP readers remember how "Heinie" KO'ed the Fleet Champ in his first fight and hung up his gloves for good before he came to?

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When in doubt,
Run in circles —
Scream and shout.

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HQ—180	10m Trans-cvr	HRO—60T	
	6N2 Converter	VFO—62	

THE FLORIDA SIDEBANDERS

Your correspondent will carry many memories of the Orlando Hamfest. A weekend of "eyeball QSO's" with most of the members of the Sidebanders left me tired but gratified that we have in this group a fine organization of fine people. To top off the weekend, the Second Annual Meeting of the Florida Sidebanders was an unqualified success. Over 60 sidebanders attended the very pleasant breakfast on Sunday morning. Tip-W4GJI, our President presided over that meeting. Tip not only kept the business moving but, with his usual keen sense of humor, kept us all chuckling. Everyone remarked that this had been the high point of the convention, and I agree. A well done should be accorded to Bill-W4DTZ, who planned and organized this breakfast. W4ZJ-Skinny Jim, from Jacksonville, won the door prize of a mobile mike. OOOPS . . . Jim's XYL won the mike but said she would or swap it with Jim . . . I think I heard her mention a new dress or hat or something like that in the deal!

New calls on 3940: K4AYZ-Jim; W4JPP; K4BZS-eKn; W4-TKE-Walt. Welcome to the Florida Sidebanders and hope we will see you often.

Wally-W4UWW, has completed his required check-ins and has been awarded membership certificate number 51.

If you haven't tuned in on 3940 at 1700 hours on Sundays lately, let me suggest you do so to hear Tip-W4GJI's weekly news letter. Each week Tip reads five to ten minutes of short news items and analysis of general interest to all. This added part of the weekly program has received approval of the membership and will become a regular feature.

Last month in this column we goofed. On the matter of weekly programs we reported that W4-UWW and W4IWM had presented a series of very interesting talks. As far as it goes, this is correct; however, I neglected to indicate to you that Lloyd-W4NIR had also been a part of these programs. Incidentally, a well done should be passed along to this group of hard working members for their fine programs.

The matter of badges for members of the Florida Sidebanders is finally settled. At the meeting in Orlando a vote was taken and it was decided to get a badge of plastic, white letters on black background about 1½ by 2½ inches in size. These badges will soon be ordered and made available to members at a nominal cost per badge.

It was an amazing fact to me that at Orlando I met and talked to a large number of hams who were unaware of the Florida Sidebanders and of sideband activities in Florida. This indicates that we are not doing a very good job at publicizing this group, or our Emergency and traffic nets; and also that not enough hams are reading Florida Skip. Lets all get busy and get this information around:

Florida SSB Activities — 3940 KCS.

Daily 1930 Hours — Florida Amateur Sideband Traffic Net (Fast Net)

Wednesday, 1930 Hours — Florida Sidebanlers Emergency Net (FSEN)

Sunday, 1700 Hours — The Florida Sidebanders.

AND READ FLORIDA SKIP

There's the output of my balanced modulators for this month. Be listening for you all on 3940.

Burt-W4CNZ

QFN

THE ALL FLORIDA CW NET

	EARLY	LATE
QTC	517	128
QNI	340	145
STNS	47	27
TOP QNI	K4FMA	K4FMA
	K4KDN	W4MLE
	W4MLE	K4EHY
	K4EHY	K4KDN

Jerry, K4UBR has a new job which will keep him very busy until mid-May. Lee, W4ATA is now taking Net reports until further notice. When sending in your QNS to Lee he requests that the Net time in the txt be in EST. Nick, K4BSS is back in Milton, but he will soon be leaving for Virginia, for a short stay.

Some good things must come to an end. For a time our representation from Tampa was very good, but now it has dropped off completely. How about some of you Tampa fellows coming down QFN? On the brighter side, K4-JLD-Bee, and K4RAD-Frank in Orlando have just recently made an appearance on the Net, and promise to do so regularly. (We convinced them at the Orlando Hamfest). Hi!

Speaking of the Orlando Hamfest was glad to have eyeballs with K4BHL, K4BY, K4GBS, W4IYT, K4KDN, W4MLE, K4-RAD, and K4SJH. We had a real nice time and enjoyed seeing new faces.

Don't forget to get your QNS to Lee-W4ATA right away, or we will have to chase you and the report down.

73 Until next month. Don-K4FMA

THE PROPER TRAFFIC COUNT

The best way to explain the counting of traffic is by example. K4SJH originated 10 messages. This means that I affixed my station number and call on a message given to me for transand sent it by amateur radio. This includes messages refiled from MARS circuits contrary to what many think. You are originating this type of message ON AMATEUR CIRCUITS.

Next, I received, via amateur radio, 65 messages regardless of what I did with them later. Now, from this 65 received, I relayed 55 of them by AMATEUR RADIO. 5 of the 65 received were addressed to my home QTH. These can be counted only as received traffic since I do not deliver to myself. The remaining 5 were delivered to their addressees by hand, mail, telephone or carrier pigeon, etc. These were counted as delivered traffic.

Then carefully add them up and report the 135 total figure. We have had to come up with (or obtain) decisions on unusual situations and here are some; we want fair traffic to retain its' identification as such by carrying the fair station number. Some of these are picked up by individual stations, hand carried to their QTH and transmitted over their stations. Since these will carry the fair stations number and call they will be counted as relays only.

It would not be right to permit them to be counted as originations since the BPL would not be an earned one because no effort was required to obtain the originations.

Official Bulletin Stations may count each time they send a bulletin as an origination since they had to send it and the effort was put forth. This may sound unusual I know but it did require work and credit should be given for it. Any other puzzling situations should be referred to me. If I can't give you the answer I will find it for you — promptly.

I would like very much for amateurs to report as I have outlined above. No matter how unimportant you may think it is or if you do not do so because you cannot understand something about it PLEASE let me know. Each query will be answered on thes pot when received. We are so very anxious to show the true traffic picture in Florida — to give full credit to our efforts and to show those who control our destiny as amateurs that they did not make a mistake in going to bat for us to retain our frequencies and the privilege of participating in the most wonderful and satisfying hobby in the world.

Hamateurally Yours,

Ham, K4SJH, SCM EFLA

MORE CW OPERATORS NEEDED

Sometime ago I invited a Florida ham — a fine cw operator — to check into QFN, the Florida CW traffic net when he could because we needed more operators, and particularly stations from this area. His answer shocked me a little.

He said "Tnx for the invite OM, but I only work contests and DX."

Contests and DX are fine. I like them myself but they're only the icing on the cake. The only reason we can work DX and contests are that the FCC knows that ham radio can be a very effective auxiliary communications channel and a source of trained operators for emergencies and for general public service.

We don't have megacycles of highly valuable frequencies in our shrinking spectrum just because we like to play with DX and contests. If that's all ham radio used them for, we'd be relieved of them tomorrow.

We need the highly developed talents of people like our contester for more serious work. And I suspect he needs some of the training he'd get in procedure and traffic handling if he'd check into the net once in a while.

Besides, handling traffic can be great fun — and its a continual contest, if you want to look at it that way. It ain't easy to get BPL. You can even keep "score" — your monthly traffic count.

Try it sometime yourself, if you aren't already a net regular.

QFN meets seven nights a week, 3650 kc at 2330 and 0330 GMT.

Don't let speed scare you. The NCS will reply at the speed you use on him, and standard Q and QN signals are published in lots of forms, such as SKIP, Operating an Amateur Radio Station (free from ARRL on request) an numerous other publications.

Particularly if you live in Jacksonville, Orlando, Tampa, St. Pete or the Palm Beach area, we need your talents on QFN. Our coverage is thin there.

73 W4MLE

DADE 6 METER NEWS

By Walt Stock W4IIS

First we want to welcome all the new stations now operating on 6 meters. Some of the boys that we know of are K4YBB-Jim; W4LSR-Herb, who also works the other bands.

Everyone is interested in band openings on 6, so here is our meager report. Openings into 9 land 3-9-61, 5 land 3-11-61, 1 land 4-1-61, LU and CX land 4-2-61. YV5AB was into the Miami area real solid earlier in the month with the XE's in Mexico trying their best to break through. K4-DI-Jerry now a general and we understand he's having a ball on the other bands. Oh yeah, congratulations to a job well done on the recent Gold Coast Six Dinner, Jerry. All had a good time and a fine dinner. Everyone all 89, enjoyed the second speaker who did a fine Q5 job of entertaining the group.

On 3-10-61 an informal meeting was held at the CD headquarters in Miami with George Hart W1-NJM from A.R.R.L. the principal speaker. Those who did not attend missed a real fine speaker. Those who did not attend missed a real fine speaker. Sorry only about eight were present representing the 6 meter boys. Of course, it's a long way to CD and we managed to get lost and arrived one-half hour late. About 50 to 60 were present at the meeting. Even "Al" K4BZ made it all the way from Pompano. K4MAV-Ed sporting a new 8 element beam and really putting out with the RF. W4 MBB is the luckiest guy I know, big but lucky. Al won a door prize at Lauderdale auction of a sideband rig. W4NUR was asked if he played basketball with the halo on his car. The writer, W4-IIS, had the pleasure of working K4ODJ in Clewiston on the Halo. Oh yes, K4ODJ working Miami consistently every morning at 0700. What say early birds, give Charley a call. Scotty, K4-JCU now using a hydraulic rotor for his antenna. Ben Franklin wouldn't like that. An old 6 meter station now back on the air is K4SWT Miami Beach — welcome back Hal.

On 3-19-61, K4OCK and W4-JKK at the controls of their plane were working aeronautical mobile and doing a bang-up job. Well over 50 contacts were made. W4IIS made a contact when they were at 11,500 feet elevation and pegging the needle. K8KLY-4 has left for the Michigan woods. Always nice to have Don here for the winter and will be looking for you on band openings and again in Miami next year, "Don".

The D.E.N., Dade Emergency Net, running trial traffic and drills to better acclimate the members to procedures in case of emergency. Net control station should soon be operating from the Sheriff's Office building soon. A real nice gal has joined the rank of the Floridora's W4TOE-Shirley. O.K. gang, there's another contact for that certificate providing the professor will release the station.

Old Icy, Icy snowman has about melted down so will see you all next time around.

73 Walt W4IIS

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The hy-gain 2-Element Thunderbird is extremely light weight, easy to handle and simple to install in a matter of minutes, almost anywhere. This TH-2 develops the maximum gain possible in a 2-Element tribander, rotates easily with a TV rotator. Boom length: 6 ft., longest element: 26 ft. Less than 2:1 SWR on all bands. 52 ohm coax fed.

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All aluminum construction of 2" OD booms and 1¼" telescoping to ¾" OD elements. New plastic and steel gusset bracket assemblies. Steel fixtures and hardware "iridite" treated to military specs. 100% rustproof. Weight: 19 lbs.

Model TH-3 Thunderbird tribander, the standard of the industry, weighs 29 lbs.; sells for $89.95.

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DX IN FLORIDA

By C. Bolvin, W4LVV

Just when your columnist's spirits had about hit bottom this month, what with conditions so bad that ZD9AL never did get above the noise level from the local power lines, came a ray of sunshine — a DX report from West Florida! Yep, K4SWQ came thru with a fine list of 7 and 14 mc goodies to prove that Pensacola is not in a permanent blackout. 7 mc produced KV4, VP3, EA8, and VK, and 14 mc VR2, VK9, VKO, KA, JA, KG6, CN8 and nice WPX items as W8-OLJ/PK, PI1KMA, found their way into his log. Of course, HK-OTU was on the list as we hoped it was in all on all your lists too! More in this station later.

Jordan is a real "night owl"—he lists 16 dx qsos on 12 different dates, and the times given are all between 0700 GMT and 1100 GMT! I sure wish I could (yawn) stay awake after (yawn) 0500 GMT—maybe I wouldn't have to have K4YCW call me to say that VR6TC was on 14150 working the gang at 14100!

Thanks to Johnny, 6TC finally did get into W4LVV's log at 0655 GMT a few days ago. He's in Johnny's log too. But, just a few days later, the desire to sleep was too strong to keep chasing VR6AC, Floyd, who was going great guns on 14250 SSB at 0630 GMT.

VU2NRM came thru at a more respectable hour, 1310 GMT, and now all we have to do is hope that Cal, W4ANE, gets the logs and doesn't give up before he sends out all the QSLs! Visiting DXer Mac Reynolds, W9EVI, and Dale, W4DQS, are back from Malpelo, after a really ruged HKOTU dxpedition.

We are all hoping that the several hundred feet of film that Boots, W6HAW, ground thru the camera will turn out well enough to show how hard these fellows worked to put one more "new country" in the DXCC list. Our biggest bouquets go to Boots, who, after last year's ill-fated attempt, again made the long trek back, and to HK3LX of the HK gang who just wouldn't give up on wangling another Colombian Navy assist! To the others; W9EVI, whose fouled up tourist card almost made him miss the boat; WONWX, who raced back from KV4 to HK in time for the trip; W4DQS (Cocoa Beach) who galloped wildly around locating a replacement generator for one shipped Heaven knows where; HK1QQ, who scrounged air transport for the crowd and all the gear while in HK land (and helped immensely in outtalking Customs people!) and to all of the other HK gang who helped make the dxpedition a success — only very slightly smaller bouquets ! ! !

Well, we've always counseled against "CQ DX" as the results are seldom worth the time and effort. After reaching the 280 plus mark, a fellow might be excused though. It's always a bit of fun seeing if you can guess whether it will be a DL, a G, or an OK who answers. To shorten this story, W4AZK, Dave (DXCC score 288) tried a CQ Asia a couple of weeks ago. Yep, you guessed it — AC5PN ! ! ! If you hear W4LVV calling CQ Asia on 14080 around 1200 GMT, it will be evidence of hope that lightning will strike twice in the same place.

K4LRA is getting all set to combat the effects of a low sunspot cycle by home brewing a real loudenboomer. K4SCS, Jim, insists that conditions are still fine — on six meters. A log full of LU stations on that band pretty well proves he's right. And if you can't go to that band, there is a whole mess of choice ones hiding under the high speed code merchants on the low end of forty! 73, Chuck

K4MAV SPECIAL

Hank Leopold, KN9BCH, came down from Chicago to visit his Mom in Fort Lauderdale — and ran over to see Sandy Hastings, KN4DHD — "to see why you put the best signal from the South into Chicago, consistently." He decided it couldn't be the old second-hand DX-40 so it must be the very fine 40 meter antenna devised and put up by Ed Turnpaugh, K4MAV, Miami. This antenna has brought fine results from Washington to Poland, and from Alberta to Ecquador. So—Hank is going back to Chicago and install a Turnpaugh Special on his apparent house. Sandy says he'd like to just know about radio electronics what Ed Turnpaugh has forgotten.

Speaking of Hank Leopold, he came to the USA from Holland in 1952, having lived, as he says it, "under the Nazi Boot." He made his first radio at the age of 13 for the Dutch Underground, as the Nazis confiscated all their radios sa they couldn't hear British or American broadcasts. Hank made one for his dad (who printed an underground newspaper) out of scraps and odds and ends! He's quite a guy! 73 KN4DHD.

TRAFFIC HOUNDS

EAST FLORIDA — MARCH

K4SJH	784	BPL
W4IWM	610	BPL
W8LDU-4	602	BPL
K4KDN	543	BPL
K4EHY	477	
WA6FCO-4	384	BPL
W4SDR	340	
K4BY	290	
W4FPC	241	
K4LCF	224	
K4FMA	203	
W4TRS	172	
W4AKB	166	
K4BZ	151	
K4ENW	148	
W4FE	136	
K4JZU	135	BPL
K6PBD-4	127	
W4EHW	115	
K4OII	110	BPL
K4ZNC	104	BPL
K4COO	101	
K4AKQ	95	
K4RNS	94	
K4AX	81	
K4VSA	81	
W4BKC	76	
W4EAT	75	
K4ILB	72	
W4IYT	62	
K4GSO-4	57	
K4BNE	56	
KN4YSN	52	
K4DBT	51	
W4DVR	50	
K4ANR	35	
K4OZS	33	
W4NLX	32	
K4BZS	30	
K4YOQ	27	
K4BHL	23	
W4CNZ	22	
K4ZIF	21	
W4HTH	20	
W4LMT	19	
K4MTP	18	
K4BOO	15	
W4LVV	12	
W4LSA	12	
K4DAX	11	
K4RBR	11	
K4PPX	11	
K4LVE	10	
K4YPN	9	
K4RCV	9	
K4IWT	7	
K4VCD	5	

Late Reports For February 1961

W4DUG	6107	BPL
K6PBD-4	1438	BPL
W4AB-4	471	BPL
K4YOQ	134	
W4IYT	114	
K4PPX	45	

Section Net Reports:

FMTN	732
QFN	645
TPTN	485
GN	364
FPTN	300
BEN	4
Total	2530

FREELOADER CERTIFICATE

This certificate is sponsored by Marge K4RNS and Jim K4-RNR Campbell of 24 Palmetto Drive, Ormond Beach. Marge writes: "The main idea is to promote good fellowship among the amateurs in Florida and the certificate is for Florida residents only.

The requirements are written confirmations from 10 other amateurs living in Florida from whom they have "Freeloaded" a nights lodging, meal or beverage. It must be something that has a money value of some kind. Send confirmations with a SASE, and that is all. Starting date was January 1, 1960 on.

This idea was inspired by ex-K4BR, now K6JP, Bill Rogers who enjoyed the pastime of "Freelodaing". Bill now lives in Vista, California and has received Certificate No. 1 — Try us.

TWO METERS

Roy, W4NVF of Miami tells me the 2-Meter band was wide open Friday night, April 14th. Look for the gang on the low end, approximately 144.15 mc, 6 to 10 p.m. Band should be open again several times this month.

Roy worked W4RMU Jax, W4-GJO Sarasota, K4DU Venice, W4SGY Lakeland, K4IXC Eau Gallee, which just about covers the State for one evening. How about some of the Pensacola boys getting back on and make this 100%. We miss K4ZDV here in the Miami area, but understand he is blasting through from Belle Glade these days.

WEST FLORIDA — MARCH

K4UBR	233
W4MLE	155
W4BVE	134
K4VND	110
K4BDF	30
K4ZMV	11
K4QAC	14
W4LMH	2
W4PWB	40
W4HTH	16
K4LML	12
K4OSQ	9
W4GOG	3

Total tfc 7547 for March
BPLs 8 for March
57 Stations reporting
Total tfc 8389 late Feb. reports.
BPLs 3 late Feb. reports.

11 late reports for February which is entirely too many. Total traffic in late reports exceeded regular March total.

HAMFEST — PICNIC

The St. Petersburg Amateur Radio Club will hold its annual Hamfest-Picnic at Philippe Park one mile north of Safety Harbor, Florida on Sunday, May 14.

Due to the wonderful attendance last year and the stacks of congratulatory messages received, the club was decided to give you the same type deal this year with even more attractions. Again you will bring your own lunch and join your friends in a picnic to be held under shelter but open to the salt breezes of Tampa Bay. Refreshments will be available at the park refreshment stand.

The club will again stress amusement for the kiddies with the little ones receiving balloons and comic books as well as a little something for their sweet-tooth. The area selected this year has even more facilities for children of all ages than previously. You can even come by boat and tie up next to the outdoor grille. Bring a swim suit if you like and join the mermaids. (XYL permitting)

Prizes will be given for the oldest ham, the newest license, and for the greatest distance travelled to be with us. Also a prize for the ham with the most harmonics presents.

If you have an old unused 'boat-anchor' you want to get rid of, bring it along for our swap table — we'll furnish you with an identification tag.

The best part of this good deal is the $1 per family for admission. This same $1 will entitle you to one ticket for the drawing which will contain some mighty nice prizes. If you want additional chances on the merchandise, throw in a couple of extra dollars and we will give you one ticket for each of the dollars you donate.

If you really can't be with us or want to be sure you get a ticket before they're all gone, send your dollar to SPARC Hamfest, P. O. Box 4026, St. Pete and we'll make sure you get a chance at the prizes. If you win, we'll pay postage and mail it to you. Could anything be fairer ? ? ?

So, mark your calendar for May 14 and we'll see you at the St. Pete Hamfest-Picnic. We'll make it better — you help us make it bigger.

VHF IN FLORIDA

Allen A. Engleman W4RMU

The seasons first reported opening on 144MC from northern Florida to the Miami area took place April 14th. W4NVF, Miami was putting S8 signal into Jacksonville. This was first contact between W4RMU and Roy, W4-NVF. W4RMU also worked K4-IFI, Hollywood. Carl was using SSB and coming in FB. Other stations worked from Jacksonville were W4EID. Lantana, and W4RCX, Fort Lauderdale. Both stations were using AM and W4-RMU was using FM. W4MBR, Vero Beach, started off the evening by working W4RMU, Jacksonville, at 2110 EST. W4MBR and K4IFI had been worked from Jacksonville several times before this spring but this was the first real good opening.

K4PPX, Fran, Fort Lauderdale worked Hiawaii for her state number 42 on 50MC earlier this spring. Fran won the Florida Skip 50MC contest which ran for the year 1960. Congratulations Fran and keep up the good work.

SSB stations are on every evening from 0730 EST in the Miami area and other sections in the southern part of the state. They may be heard around 50.116 MC.

A new state wide emergency frequency for the 144MC band has been chosen. It is 145.345. This will allow the use of surplus available crystals on 8075-KC. Please make note of this change. The 50 MC state wide frequencies remains 50.250MC. You are urged to obtain crystals for these frequencies and let's start using them as calling frequencies.

LETTER TO EDITOR

Editor, FLORIDA SKIP:

I don't believe in psychic phenomena, but today's mail brought your acknowledgement of my application for membership and at the same time, notification that I had been nominated for the Florida Skip Award.

In the same article published by Clif Evans K6BX, which influenced me to join up, I read the story of Mr. and Mrs. Walter L. Rives of Jacksonville. Little did I suspect that the same honor would come to me.

Please express my thanks to the unknown amateur who offered my name to your nominating Committee. I am proud of the Certificate and will find a place of prominence for it on my cluttered walls.

73,
Clif, K9EAB

P.S. — I am after the WAFC, starting from scratch with only 9 counties of the 67 in hand; so, tell those Florida Hams to listen for K9EAB calling CQ-Florida for WAFC!

AMATEURS CREDITS IN PRINT

I just had occasion to read a little book published by the "Great Outdoors Association" (4747 - 28th St., North, St. Pete) written by Lawrence E. Willis entitled "Okeechobee Hurricane and the Hoover Dike." ($1.00 plus 25c mailin), paper back, 110 pages, 1961.

The amateurs have some nice credits:

Speaking of West Palm Beach . . . The first report from this well populated area was transmitted by amateur radio operators Ralph "Red" Hollis, A Palm Beach fireman and Forrest Dona, a Pompano civil engineer, who, from their station 4AFC in Palm Beach were on the air from 7:30 a.m. Monday and maintained day and night service until Thursday. During the first 72 hours of this time the two operators were without sleep." (p. 74)

Gov. Martin . . . "My first information regarding the seriousness of the storm was received Wednesday a.m. from West Palm Beach to Tallahassee via operators in Moultrie, Asheville, N.C., and Lima, Ohio who picked it up. Newspapers are not reporting the seriousness of the situation . . ." (p 84)

"In Belle Glade two Tampa Legionaires, Don Thompson and George Cartee had set up radio station 4CV, which rendered invaluable service until the 30th, when telegraphic service was restored to Canal Point." (p 81-82)

A check of the QST files for this era showed that these fellows received a commendation from the Army signal Corps (their traffic was routed via WVA at least in part) and their emergency work was the subject of an editorial in November 1928 QST.

Although others may be hiding under new calls, the Summer 1960 Callbook lists W4AGR, Forrest W. Dana, 735 Colonial Rd., West Palm Beach — 73 Chuck, W4LVV

DIRECT DIAL

Electronic Wholesalers have recently installed direct telephone dialing equipment, making it possible for you to call them at no charge (toll free) from Ft. Lauderdale WA 3-2204, West Palm Beach, 832-1766, St. Petersburg OR 1-5171, Orlando GA 5-1717. The New Collins 30-L-1 Linear will be available July 1st. Specs are available at their store at 61 N.E. 9th Street for the asking provided you mention Florida Skip, Hi. See their ad elsewhere in this issue.

FLORIDA SKIP 50 MC HONOR ROLL

		States	Countries
W4KKU	Miami	48	
W4GJO	Sarasota	48	23
K4HNS	Miami	48	12
W4CQP	Hollywood	46	26
W4EQR	Pensacola	46	
K4HIL	Pompano Beach	46	17
W4FNR	Ft. Lauderdale	45	19
W4QN	Orlando	44	
W4RMU	Jacksonville	44	17
W4IUG	W. Palm Beach	43	14
W4HZG	Hialeah	42	12
W4AYV	Umatilla	42	
K4QHN	Sarasota	42	
K4GKL	Miami	41	15
W4LIP	Miami	41	
K4QXB	Miami	41	
K4PPX	Ft. Lauderdale	42	6
W4FBL	Jacksonville	40	12
K4SCS	Miami	38	10
K4HSW	Miami	38	9
W4CIL	W. Palm Beach	38	5
W4EHV	Miami	37	
K4KUY	St. Pete	37	
K4DMB	St. Pete	37	
K4MVJ	St. Pete	37	
W4AKB	Miami	37	5
W4MBJ	Jacksonville	37	
K4QQE	Ft. Lauderdale	37	6
W4GWF	W. Palm Beach	36	
W4KJL	Jacksonville	36	
K4AGM	Pensacola	35	
K4DZP	Hialeah	35	
K4UGA	Hialeah	35	5
K4RKV	Hialeah	35	5

BROWARD COUNTY 6 METER NEWS

By Fran Adams K4PPX

6 Meter has been having some openings to the north and one opening to LU-land. the band was sure crowded.

We have a nice group of new six meter operators in the county to report this month. Up Delray Beach way we have K4LLI-Cliff also K3JZC/4-Don on 50.-244 with a Sixer. Here in Lauderdale we have K4RZO-Cecil, K4-IQM-Ed, K4FQS-Tom and K4-SVQ of W. Hollywood. Welcome fellows.

K4BZ-Al worked K6RJZ/MM on the S.S. Steel Artison. Al is busy with traffic and is looking for more stations to pass traffic to.

Many VHF'ers were at Orlando and had fun. And met many new hams we read in Skip but have never met.

K4PPX-Fran was very happy that she couldn't make a speech to thank Andy and Skip for the beautiful plaque she received at Hamfest. Fran says she'll wear it on her neck at the 6 meters dinners. She will too. It's heavy tho.

FLAMINGO NET NEWS

"The idea of the Pelican Net is to give everyone the chance to get together on the air one night a week and find out what everyone has been doing. The main thing is to provide activity for the entire family. XYL's are members the same as their OM's." So writes Betty-W4SDI the Net's first Secretary-Treasurer. With this idea in mind the Pelican Net was started on January 30, 1953. The name Pelican Net was changed a short time later to Flamingo Net, which it is called today. The Charter members of the Net met at W4-VGT's house to work out the details of forming the Net. W4-MVR-Bob (1st NCS), W4SDI-Betty (1st Sec.-Treas.), W4WYR-Evelyn, W4DTJ-Carl, W4VGT-Charlie, W4RID-Johnny, W4NJM -Jim, W4UHM-Doc, W4LGA-Art, W4PPQ, W4PQR-Bert, W4PQ-Whitey, W4TOJ-John and W4-TOK-Tiny were those present. To honor these first Flamingos the Net membership has recently voted Honorary Life Membership to these people. It was felt that some token of appreciation should be given to these people who have toiled long and hard to make the Net a success. Congratulations to all you Charter members.

Well did you all have a good time at the ARRL Convention and Hamfest at Orlando, Florida ? ? A goodly crowd from Miami was there and quite a few Flamingos were present. Those seen eyeballing th equipment displays were K4MAV, RRB, LQN, AZQ, ABU, BWP, DTJ, WLR, PFB, OST, FBS, GSD, and W4GJ.

A On-The-Air Contest was held the other night and our Bird with a brain (the winner) K4-EBG-Bun ran away with first prize. The prize was a latest DX Callbook. K4YSS-Paul our Activities Chairman dreamed up this contest which was a list of 10 important technical questions. The answers had to be obtained in a certain time limit. The questions were given out over the air and them that got the answers first were to call into the NCS by land line and get a check for correctness. I can tell you the ole NCS was a busy boy what between phone ringing and answering questions over the air. Anyhow, congratulations to Bun for a FB job. Also thanks to K4YSS-Paul for a FB contest. I know everyone is looking forward to the next contest Paul!

K4DJW-Moe our Sec.-Treasurer is planning on printing up a list of paid-up members very shortly and urges all those who are planning to pay their dues to do so at once so that they will be listed. Every year the Net has a list printed up of all the paid-up active members with their home addresses and telephone numbers and a copy of the list mailed out to all the members. This year Moe is having some extra ones printed up and if there are any of you folks needing a list of us Flamingos send Moe a self- addressed stamped envelope and he will send you one. Moe's address is 1136 SW 74th Court, Miami, Florida. This list is handy for any of you out of state types that are working for our Certificate.

W4WSJ-Wiley is now moving around, although he still has his leg in a cast. He is going down to work, cast and all, and is getting along best as can be expected. He says he will be glad when the cast is removed. Best of luck Wiley, hope your leg heals up fast!

K4IFR - Chester got himself some new gear. Got a HX-500 Transmitter, HQ-180 receiver and a new TA-36 beam. So if you hear Chester on SSB it's no mirage or your imagination, he took the fatal plunge.

W4GJ-Walt has been working on his mobile rig for quite sometime and has finally got it perking. Operated mobile up to the Hamfest at Orlando recently.

K4JJU-Warren wants to know how do you get a contact on 40 meters phone with a mobile. He calls and calls but nobody will answer. How about some of you kind hearted souls on 40 phone giving Warren a signal report? ? ?

W4LSA-Al has built himself up a RF oscilliscope and monitor. Now is checking our everyone's carrier and envelope and giving out reports.

See you all on the Net Frequency of 29.044mc every Friday nite at 7:30 p.m. EST.

F. M. T. N.

Tip Curran, W4GJI

Well, you sure have got to hand it to that bunch up at Orlando when they put their minds to a thing. For some reason they don't seem to be happy about doing a job up brown; they got to talk about moving the affair back to the wilderness. Anyhow, they can't take away from the Cherry Plaza in '61, and mine an a lot of other guy's hats are off to the whole committee, especially Bill Allen and Wes. This time the management seemed to know we were there — the service was perfect, the food excellent and somehow there was a room for every item on the agenda without a hitch. The lectures were fine, the displays were good and did business and the spirit was so de corps that one could even enjoy hearing the platitudes of the elite from Hartford. ZZZ must have been reading the funnies and his call put him to sleep so he forgot to show for his stint in the Hibiscus room Saturday afternoon, but the bar was next door, wasn't it fellows?

If you want to know the calibre of the members of our net all you got to do is run your fingers down the list and you'll soon see that the real reason that FMTN couldn't really have a get together was that most of them were constantly meeting. Start with Ham as SCM with IYT, SEC and see how many of our group were there at ARRL meetings as League officials. Plenty. Our guys were at the CW, K of K and Florida Sidebanders breakfast meets and we were very surprised to find several of them attending the RTTY lecture meeting. Then FPC and the group from our net who are active in Civil Defense Radio were in conference here and there. There was a whale of a lot of difference in the activity at this convention compared to lats year's and it was due to DONNA. The emergency status of the amateur had been allowed to slumber for a decade and the old hands got brought up short and actual experience, the best trainer of all, had not been acquired by the group who had come into the fold in the '50s. It was time to regroup and it was obvious that the plans that had been worked up by the various factions during the past few months were beginning to jell with each other.

It is hardly necessary to state that any such ridiculous situation as the so-called Norton affair will not bear repeating. The operation of any AREC network is controlled according to specified plan set up by the SEC and in accordance with the League concept which is approved by the FCC and there is no Sheriff or his deputy that can disrupt the order of procedure by whim. Ergo, the ARC) is integral with the RACES plan in many aspects and in the event of a NATIONAL disaster the rules change to some extent and the control is centered in Communications at the State level and follows the plan of the Civil Defense procedure accordingly. Let it be remembered, however, that the AREC was capably handling NATURAL disasters long before the CD was conceived and, though a lassitude may have been realized, the knowhow has by no means been lost. Donna put us back on our toes and gave the relatively newcomers to emergency net operation an idea of what really should take place when the proper order and discipline prevails. A well run net like ours should have no change in its routine in emergency. Like well trained sailors in a storm, we take a reef here and there, set aside incidentals and carry on steadily.

As in the past it was our pleasure to assist the Red Cross with their communications problems in disaster, so now we have that opportunity to aid the CD and we are rapidly becoming an adjunct of their service where there is a locality impaired by hurricane, tornado or flood. Be assured that our SEC is working closely with the CD communications men and it is nice to know that most of them are integrated and it is best they remain so.

This column pays tribute to D. O. Smith who ran the net so ably for a long time even at cost to his health. Dan looked fine at Orlando and we wish him a well earned rest with a WELL DONE! George, send me averages, please. May your tubes run cool ! ! !

CONCH CYCLES

A Monroe County RACES plan has been discussed with the new CD Director for Monroe County, At a recent meeting, Lou Swafford, W4MLR, presented the plan for Monroe County and briefed the Director on Races operations. Definite designs have been formulated for participation of Monroe County Hams in future Races activities.

W4YP has recently settled on Stock Island and has joined the Conchs. We would like to welcome Hal to the Keys and to W4LLO.

In lieu of the regular April 24th meeting, the Key West Amateur Radio Club will hold a family picnic at Monroe County Beach.

K4SJH, SCM for Eastern Florida, has scheduled a visit to Key West for the regular meeting of 8 May. It is hoped that all Florida Keys Hams will try to get to Key West that night to hear HAM and give him a big greeting.

K4PLS, with a "Lunchbox", has recently joined the growing Monroe County Two Meter Emergency Net.

Things are quiet in Cayo Hueso. Burt-W4CNZ

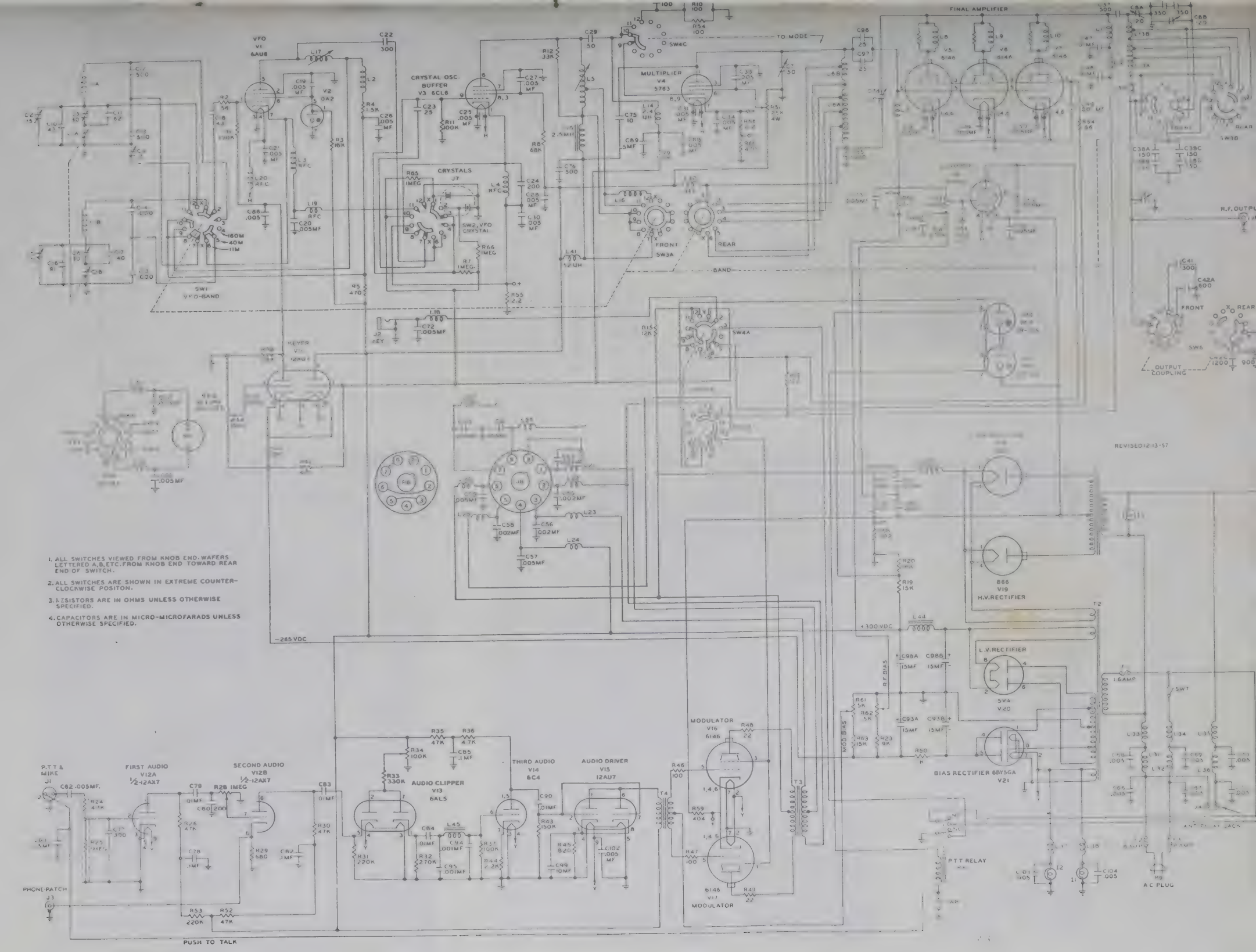
ay hello to Norma and Don Queeney, W4--- and W4ACT of Naples. Don is EC for Collier County and was a key station uring the Donna disaster. ACT retired from General Motors nd is enjoying his boat and plenty of amateur radio.

ere are some of the amateurs on the other end of W4ICT's ntact - K4IWT, Red Cross Station in Miami. Two, Six and meters were in operation throughout Donna. Two and Six ere not used as the landlines held.

hile not in the direct line of Hurricane Donna, these Navy ls put in many long hours of amateur communications into e disaster area and back to the mainland: Operating the S. Naval Air Station K4NCN: Left to right: Alfred Pedneau HKG, Richard Munger K4MDI (Chief Op and builder of sta- ns), John Storter (call unknown) and K. D. Morgan W4KUT. ny other Key West amateurs traveled into the disaster area th their own equipment to set up communications. Many have eived the Florida Skip Award for their outstanding service. fficial U. S. Navy Photo.)

Evelyn and Hal Shea, K4UIZ andW4BKC of Orlando share the same rig. That Viking II usually stays hot, plus a 2 meter communicator. Both are good workers in CD and Club projects. Look for 'em in April at the ARRL Convention in Orlando.
(All photos except Orlando by Skip Editor. How about yours?)

While not working on SKIP plus several other jobs, our publisher, Hank Hoffman, K4LQS of Naples tries to work in a QSO or two. How now brown cow?


VFO
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+300 VDC
-285 VDC
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6146
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P.T.T. & MIKE
J1
FIRST AUDIO
V12A
½-12AX7
SECOND AUDIO
V12B
½-12AX7
AUDIO CLIPPER
V13
6AL5
THIRD AUDIO
V14
6C4
AUDIO DRIVER
V15
12AU7
PHONE-PATCH
J3
PUSH TO TALK
1. ALL SWITCHES VIEWED FROM KNOB END. WAFERS LETTERED A, B, ETC. FROM KNOB END TOWARD REAR END OF SWITCH.
2. ALL SWITCHES ARE SHOWN IN EXTREME COUNTER-CLOCKWISE POSITON.
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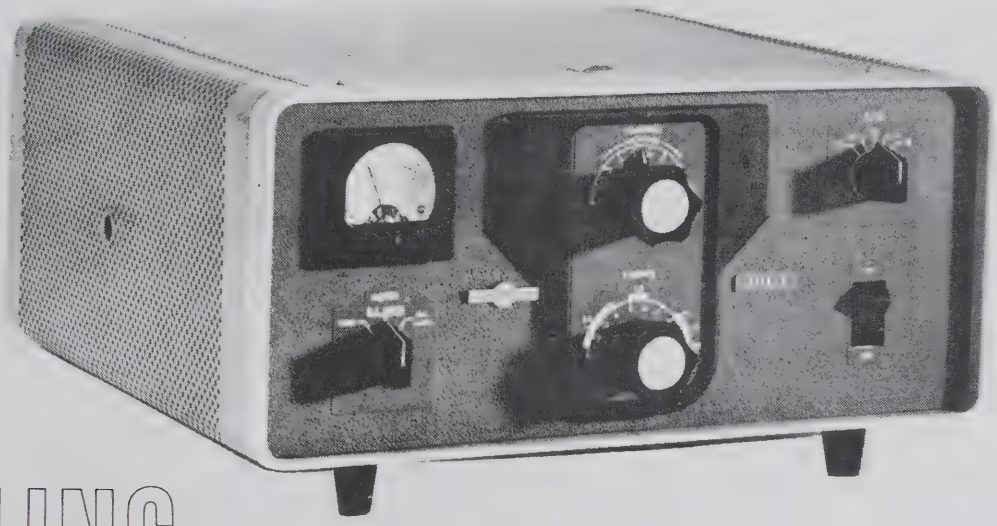

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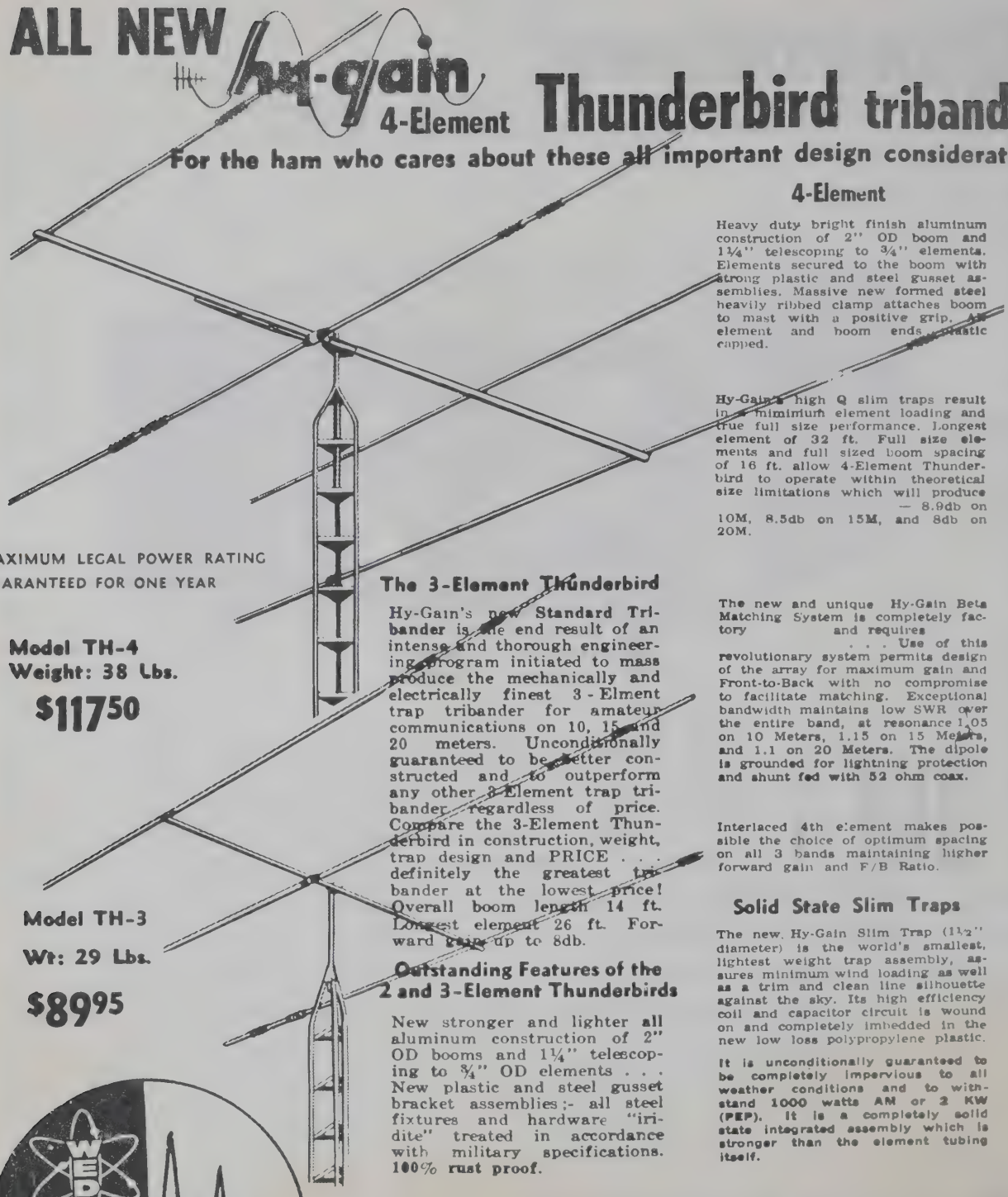

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Hy-Gain's new Standard Tribander is the end result of an intense and thorough engineering program initiated to mass produce the mechanically and electrically finest 3-Elment trap tribander for amateur communications on 10, 15 and 20 meters. Unconditionally guaranteed to be better constructed and to outperform any other 3-Element trap tribander, regardless of price. Compare the 3-Element Thunderbird in construction, weight, trap design and PRICE . . . definitely the greatest tribander at the lowest price! Overall boom length 14 ft. Longest element 26 ft. Forward gain up to 8db.

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Hy-Gain's high Q slim traps result in a minimum element loading and true full size performance. Longest element of 32 ft. Full size elements and full sized boom spacing of 16 ft. allow 4-Element Thunderbird to operate within theoretical size limitations which will produce — 8.9db on 10M, 8.5db on 15M, and 8db on 20M.

The new and unique Hy-Gain Beta Matching System is completely factory and requires . . . Use of this revolutionary system permits design of the array for maximum gain and Front-to-Back with no compromise to facilitate matching. Exceptional bandwidth maintains low SWR over the entire band, at resonance 1.05 on 10 Meters, 1.15 on 15 Meters, and 1.1 on 20 Meters. The dipole is grounded for lightning protection and shunt fed with 52 ohm coax.

Interlaced 4th element makes possible the choice of optimum spacing on all 3 bands maintaining higher forward gain and F/B Ratio.

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The new Hy-Gain Slim Trap (1½" diameter) is the world's smallest, lightest weight trap assembly, assures minimum wind loading as well as a trim and clean line silhouette against the sky. Its high efficiency coil and capacitor circuit is wound on and completely imbedded in the new low loss polypropylene plastic.

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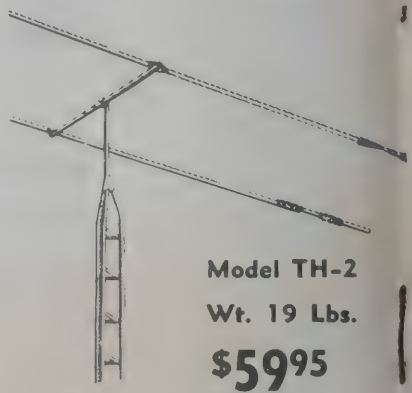

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FOR SALE: Globe Hi-Bander 60 watt a.m. - c.w. transmitter for 2 and 6 meters. With Globe VFO. 3 months old A-1 shape only $150.00. Hallicrafter HT-37 SSB transmitter 170 watts, brand new, only 3 weeks old, sacrifice only $38000. Pat Ferro W4WAQ, 1364 N.W. 23rd Court, Miami. Phone NE 4-5372.

FOR SALE: Valiant $300. Viking II with Viking VFO $200. Spare tubes for bonus. One owner, cand by and call a CQ. John D. Boyle, South Beach Road, Englewood, Fla. W4-ZDV.

FOR SALE: Heathkit DX-40 transmitter evcellent condition used one year $40.00 also Heath VFO $10.00. A. Barnes, K8WNQ, 2760 Blue Rock Road, Cincinnati 39, Ohio.

FOR SALE: Heath DX-35 and VF-1, very good condition $6500. Three element Hy-Gain, 10 meter beam $15.00. Heath QF-1 $6.50. George Reed K4-HXU. 1350 West Fairbanks Ave., Winter Park MI 7-1942 or MI 4-2002.

FOR SALE: Factory wired EICO Signal Generator Model 315. Hardly used $30.00. A professional model II vacuum tube volt meter $20.00 cash and carry. George Moule K4HYO, 2951 N.W. 161 Terr. Opla Locka, Fla. Phone NA 1-0225.

FOR SALE: SX-71 receiver, general coverage with 6 meter band, built-in crystal califbrator. GC-221 frequency meter with original crystal and calibration charts. Syltron 5 inch oscilloscope. These items priced to sell. Bill Wilkins K4FIS, 731 Wren Ave., Miami Springs 66, Fla. Phone TU 8-2956.

FOR SALE: Hy-Gain 5 band doublet traps, require 108 foot of space, with instructions. $8.00. Harvey Wells TBS-50-D with manual. The only known rig that tunes 180 thru 2 meters. Clean and works good. $50.00 National - 183 with matching speaker and manual. The NC-183 also had 6 meters. $125.00. BC-221-AA frequency meter, power supply, clean, with earphones. $45.00. Andy Clark W4-IYT, 41 Lenape Dr., Miami Springs, 66, Fla. TU 8-3874.

FOR SALE: L. W. 50 6 meter transmitter $20. Power supply for same $10. Five element Hy-Gain 6 meter beam with 30 foot telescoping mast and 50 feet of RG58U coax $20.00. Norm Ward K4RBR, 1398 N.W. 79th St. Apt. A-105, Miami, PL 4-7496 or OX 1-2949.

FOR SALE: 5 new 4-125 tubes $12 each. Plate transformer 3600 c.t. at 700 ma. also lower voltage taps perfect for 811's, 115 v.ac. $20.00. Choke 4 henry at 900 ma. $15.00. Oil condx 8 MFD at 3 KV. $6.00. Choke 4 henry 500 ma. $5.00. 2new 813's at $7.00 each. 'new 833A's $15.00 each. New 5881's $1.50 each. 8008's tube soakets, filament transformer $20. Plenty of other junk, write your needs. WANTED: Vac. varible 10 to 15 kv. up to 400 mmf. 4-400 tubes. Gene Byrd K4GSM, P.O. Box 491, Crescent City, Fla.

FOR SALE: All band KW final, uses two 4-125's, metered all stages, has air blower built by RCA engnr. Built in 2 by 2 by 2 foot cabinet. Has built in screen and bias supplies, with tubes. $40.00. 20 meter vertical zepp complete $10.00. Drake VT-300-20, 300 to 300 ohm TVI filter $4.00. National HRO-50R with coils for all amateur bands, plus broadcast and 50 to 200 kc, power supply and manual, a steal $90.00. A. Clark W4IYT, 41 Lenape Dr. Miami Springs TU 8-3874.

FOR SALE: New Heath Seneca 6 & 2 meter transmitter with latest modifications used about one week. WANTED: 2.3 KC and 500 KC filters for Collins 75AA receiver. Please inquire by mail. Jerry Martin, K4DI, 1840 Hibiscus Drive, N. Miami 61, Fla.

FOR SALE: Used equipment. SX-96 Hallicrafter $75. NC-300 National with speaker, 2-meter converter, $275. NC-109 National, $95. EF Johnson VFO $25. Johnson 500, $695. Globe 500-B, $395. Walder Electronic Distributors, FR 9-4794.

FOR SALE: FT-243 Hamband Crystals, 7100, 7175, 7200, 7225, 7250, 7275, 7300 KC, $1. each, shipped post-paid. 145.26 net freq 8070 kc, type CR-18/U, $2 P.P. Novice 3725 KC, type CR-1, $1. P.P. Also complete 100 KC standard, with 6au6 tube, like new, $10. Shipping 50 cents extra. W4JO, 2752 S.W. 3 St. Miami, 35, Florida.

WILL TRADE: Brand new never used Polaroid Model 95 B Land Camera retaily for $97.75, for SB 10. Must be practically new and in A1 condition. Contact Walt Holzman, W4-ARU, Everglades City, Fla.

FOR SALE OR TRADE: TS-175, similiar to BC-221 except covers 85-1000 Mc. Also prop pitch motor. Wanted 40 or 50 foot tower and VHF antenna rotator. M. B. Goldblatt W4EMB, 3627 SW 8th St., Miami. Phone HI 3-7636 days or MO 6-6997 evenings

FOR SALE: Viking Kilowat with desk latest series less than 50 hours use only. $1,100. Eduardo F. Pena, M.D., W4DVW, Write 513 DuPont Bldg, Miami 32, Fla. or call PLaza 8-1213 daily after 6 p.m.

FOR SALE: Factory wired EICO model 315 signal generator hardly used price $30.00. Factory wired Professional VTVM Model No. 11. Price $20.00. Cash and carry Geo. Moule K4HYO, 2951 N.W. 161 Terr. Opa-Locka, Fla. NA 1-0225.

FOR SALE: Hallicrafters SR-75 transmitter-receiver, 5 tubes plus rectifier-doubler. All self contained, receiver covers 550 kc. to 31 mc. Like new, used on vacations as portable rig. Fits in hand bag or overnight bag. $35.00 FOB. Millen R9-er, pre-amplifier with self container power supply, coils for 13-15 mc. and 27-32 mc. covers 10 and 20 meter bands $15.00 FOB. Dynamotor DM-21-B 12-14 volts input, 235 v.d.c. at 90 ma. output $5.00. Russ Miller K4-VEJ, 1111 Lake Shore Blvd., Tavares, Fla.

WANTED: Everyone Florida amateur to have a copy of the STATE AREC PLAN — free for asking This is a MUST in every Florida Shack. Write for extra copies. Editor, Florida Skip, Box 501, Miami Springs 66, Fla.

FOR SALE: Central Electronics 20-A with QT-1, 458 VFO, clean, perfect operating $165.00 FOB Miami. Hal Sillman K4SCT, 1340 N.W. 190th St. Phone NA 1-6844

FOR SALE: 30 foot tower $30.00. FM rig originally designed for industrial band operating on a frequency of 49.8 mc with six 12 volt d.c. vibrator supply. Receiver, transmitter and power supply in compact unit measuring 12 x 14. x 6 inches, less control head. If interested, make offer. Don Murray K4FMA, 1780 N.E. 146th St., North Miami 61, Fla. WIlson 7-7725.

FOR SALE: Vibroplex DeLuxe 'Original" Key (chrome plated) with cord and wedge, new Astatic D-104 crystal mike with model G push to talk stand, like new. Shure Unidyne Dymamic mike model 55 with off-on switch A83B, and cord, like new. Johnes Micro Match SWR bridge, model 261 Coupler and model 262 Indicator (with dial Calibrated in SWR), new. Heath Q Multiplier kit. All items in original boxes. Best offer. Saul A. Cohen K4ACJ, 4524 Michigan Ave., Miami Beach. JE 1-9782.

FOR SALE: B & W 5100B perfect condition $200. Heath VFO with Viking Challenger $90.00. Will deliver within sixty miles. Bob Leech K4-DVF, 818 North F., Lake Worth, Fla.

WANTED: Being a new comer to Florida giving up Ex — K8HRO and now having W4JIZ, I need a good set of Phoney Phonetics. Can any one help? John S. Hall, W4JIZ, 1637 Parkside Dr., Clearwater, Fla.

FOR SALE: 10 meter and 20 meter beams. (Dismantled). Also a 30 foot tower. Best offer. Herb Smith K4-LML, 123 Bosphorus, Tampa 6, Fla.

SELL: S4OB with Heath QX'er $5500. SX-42 with matching speaker $90. S-76 needs work $30. Johnson T/R switch $15.00. Jim Dillman K4-USK, 356 - 41st Ave., North, St. Petersburg or write P.O. Box 4159.

WANTED: More HAMBARS. If you arn't using it, sell it to someone who can. FREE to licensed amateurs only. Editor, Florida Skip, Box 501, Miami Springs 66.

FOR SALE: Three heavy duty power supplies in 6 foot metal rack, one power supply for 1 k.w. final. Each uses two 872's with RCA chokes and filters for each. RCA modulation transformer with pair 833-A modulators in same rack. Has delay and protective relays, transtat primary control. Eight 3 inch square meters on front panel. Price $150 or trade for mobile equipment. Neil Spencer W4PC, P.O. Box 482, Pinellas Park, Fla.

FOR SALE: Complete station, HQ-110-C matching speaker, cascode pre-amp by International Crystal Co. Johnson adventurer and modulator converted for 6 meters and will work on low frequencies by Viking VFO or crystals as well as 6 meters. Microphone. Need the cash for Doctor bills. All for $200. Can we make a deal in package deal or seperate units? J.B. Desautels K4VGD, 1212 N.W. 11 Ct., Ft. Lauderdale, Fla. JA 3-5742.

FOR SALE: Johnson 6 & 2 transmitter, modulator and power supply $130 Johnson 250 W. Match Box $35.00. Cushcraft 2 meter 11 element $8.00. Bob Street W4IET, P.O. Box 441, Miami Springs 66 Fla. Phone TU 8-7406.

FOR SALE: 2 element 15 meter beam, worked KC4USN fone 50 watts with it. $7.50 Johnson Viking Adventurer modulator. Cat. No. 250-40 screen grid type $7.00. Hallicrafters S-38-E receiver, showroom condition appearance and operating. $35.00. J. J. Aspey K4YOQ, 3909 Rogers Ave., Tampa 11, Fla Phone 61-6985.

FOR SALE: B&W-5100 transmitter, like new, instruction manuels complete $275.00. Thunderbolt linear amplifier, needs power transformer, with instruction manual $395.00. Johnson VFO $30.00. Power supply for VFO $10.00. B&W Balun coils, mounted $5.00. Hand key $2.00. 2 pair headphones $300 Mike stand $150, assorted crystals $1.25 each. S-20R receiver with instruction manual, needs power transformer $20.00. All items COD my QTH, no shipping. Jay McElroy W4YJE, 200 S.W. 20th Road, Miami, Phone FR 9-0982.

FOR SALE: Complete set of Hy-Gain traps for 3 badn beam also all dimensions and material list to complete beam $15.00. Bill Allyn W4-HLE, 1413 Somerville Rd., Jacksonville 7, Fla.

FOR SALE: 75A4, one owner, tops, going portable $525.00. John D. Boyle W4ZDV, South Beach Road, Rt. 1, Box 373, Englewood, Fla. Come'n operate it.

WILL SWAP: 6 by 6 by 6 inches 500 mill chope 4.5 Hy or modulation transformer merit A-3829 for 1000 volt 500 center tap 150 mil. 115 v.a.c. primary transformer John Cooper K4JES, 751 E. 45th St. Hialeah, MU 8-3947.

WANTED: Part time transmitter engineer at 1 k.w. daytime directional. Would like active ham with first class Radiotelephone license. Write for info to Neil Spencer W4PC, Chief Engineer, WILZ, St. Petersburg Beach, Fla.

FOR SALE: Brand new, never used, Brush headphone made in USA. Cost $31.95 will take $15.00. J. B. Desaulels K4VGD, 1212 N.W. 11st Ct. Ft. Lauderdale JA 3-5742.

FOR SALE: Gonset G-77 mobile transmitter with power supply in like new condition $175.00. Earl Carter W4HYW, 910 Oriole Dr., Miami Springs 66, Fla. Phone TU 7-4001.

FOR SALE: Collins KW-1. The worlds finest amateur transmitter, maximum legal power on AM, CW, or SSB. Was modified at Collins factory for SSB operation, excellent condition, with a spare set of 4-400A final tubes. Will sell for $1750.00 or best offer above this price. Wiley Gilkison W4WSJ, 5155 N.W. 12th Ave., Miami 37, Fla. PL 8-4863.

RADIO SCHEMATICS: Twenty five cents each. Dick Frederick K4UGC, 460 N.W. 108 Ter., Miami, Fla. & Super 6 converter and noise limiter $35.00.

FOR SALE: Karlson hi-fi speaker enclosure for 15 inch speaker, cost $55.00 new, but any offer will be considered. See Burstein - Applebee catalog for specifications. Dr. Louis Persons W4PJG, Box 1807, Fort Myers, Fla.

WANTED: All Florida amateurs interested in obtaining an ARRL appointment drop a card or radiogram to your SCM. See page 2 for his address.

WANTED: V.T.V.M. Will swap new 7X35 binoculars. Walt Stock W4IIS, 117 N.W. 100th St., Miami Shores 50, Fla. PL 4-2995.

K4USK sez whoever called it "wireless' never looked behind his rig!

I sneezed into the air;

It fell to ground I knew not where

But hard and cold were the looks of those

In whose vicinity I snoze.

SCMs CORNER

A. Hame, K4SJH

Greetings once again fellow amateurs and ulcer manufacturers. It is a bit of a problem to come up with a suitable subject for discussion when very little has been heard from the gang. This time I believe we have one which needs repeating and some expansion.

With apologies beforehand to DXers, Rag Chewers, etc., please let me talk once again about traffic handling and REPORTING.

The submission of Activity Reports (Form 1) has, I must admit, increased to a marked degree but there still are so many that must feel that their little contributions can't mean much to the overall total. How wrong can you be. I received a total of 57 reports both by radio and mail for the month of March 1961. I think that we will all have to agree that there must be well over 100 active traffickers in Eastern Florida. Just look at the net lists and then add 20% for those who don't pass traffic (formal, that is) on nets at all but do so by direct contact. No matter how you pass it, it still counts in our total JUST AS LONG AS IT WAS DONE USING ARRL FORMAL TRAFFIC PROCEDURE in writing it up. If you don't have it, this information is available in the back of your handbook or in the ARRL booklet "How to operate an amateur radio station" which is available by dropping me a card or radiogram.

Here is something that may make traffickers and others who are proud of their home state feel pretty good. Florida, for 1960, tied for first place in traffic handling, nationwide, with Eastern Penna. You may say "sow hat" but when you consider that the top traffic handler in the country, Mae Burke W3CUL is in this Eastern Penna. section, then you have something to be proud of.

Now, at the risk of being accused as greedy, let me give you something to think about. We did this even though only half of our traffickers reported their activities. Wonder what it would look like if ALL traffic handlers sent in their reports. It's so danged easy and takes about five minutes. You can send it by radio or use the form provided for this purpose and if you are real eager to please, send in both the radio report is primarily for those who realize that it is doubtful that their report would reach here by the 6th of the month. Personally we like the card report better because it gives more information about you and what you are doing traffic wise plus anything else you may want to mention. You may even appear in QST.

For MAC W4FPC and others who work numerous traffic schedules, it is only necessary to list that information once and then only indicate changes as they occur. This information is not just filed away. It is passed on to Net Managers, Route Managers, Phone Activities Managers and anyone else who may need it to help in routing traffic and we here at the SCMs office keep these cards in an active file.

CD ADVISORY COMMITTEE

For the first time in living memory, all four top ARRL officials in Florida were gathered together under one roof during a meeting in Jacksonville in March.

SCMs K4SJH of E. Fla., and SECs W4MLE of W. Fla. and W4IYT of E. Fla. were attending the first meeting of the State Civil Defense Communications Advisory Committee of which they are members, representing the ARRL and the AREC.

The 15-member committee membership also includes three other hams — one of them, W4-UHY, the State CD Communications Officer, is chairman. That's a total of seven hams in 15 members.

The committee appointed by State CD Director H. W. Tarkington "to study and analyze the emergency capabilities and limitations of existing communications systems and other communications media and to develop procedures for the effective coordination of total communications resources for emergency action in national or natural disaster situations."

The first meeting naturally produced nothing very concrete in the way of results. However, more than half the meeting was devoted to discussions of Amateur Radio's part in emergency comunications.

SECs W4IYT and W4MLE were appointed co-chairmen of a committee on Amateur Radio Comunications. Two other committees also were appointed, on public safety and land lines.

No date was set for the next meeting. However chairman W4-UHY said he would call one before the next hurricane season and indicated that meetings would be called at least three times per year.

JOHN LOWE . . . .

(QSY'd From Front Page)

when you have that QSO with K4HJV.

73, Wes, W4COZ

Send checks to: Lake Wales Amateur Radio Club — John Lowe Fund, c/o Wes Browne, W4COZ, 422 Marietta St., Lake Wales, Fla.

W4LIS Sam B. Parker, Route 1, Box 248, Tampa, Fla.; W4HMN Arthur V. Thomas, 929 16th Ave., So., St. Petersburg, Fla.; KN4DHD Merlin A. Hastings, 66 N.E. 172nd St., North Miami Beach, Fla.; K4HSC Clara Meg Hennon, 828 Alberca St., Coral Gables, Fla.; W4PJU Gratton H. George, P.O. Box 1253, Clewiston, Fla.; W4NUR Fred Hoehn, 61 Hialeah Drive, Hialeah, Fla.; W4DUG, The Tampa Amateur Radio Club.

K4JSS, Paul Montgomery, Route 1, Orlando, Fla.; W4UF/W4ZKD Dot Saunders, P.O. Box 295, Englewood Fla.; K4AX, John W. Swanson, 1271 So. Ocean Blvd. (No. 62) Pompano Beach, Fla.; W4REA, Frank Paese, P.O. Box 61, Windermere, Fla.; Black Jack Amateur Radio Club, Orlando, Fla.

W4DSG, C. J. Bradley, 3720 LakeBlue Dr., Winter Haven, Fla.; W4SGY, Paul Southworth, 739 Lakehurst St., Lakeland, Fla.; K4FVO, Louis J. Stenger, P.O. Box 221, Bartow, Fla.; W4-EEO, Box 121, Sanford, Fla.; Ft. Pierce Amateur Radio Club.

W4WRT/K4CYO, H. L. Gilmore, 820 Suwanee Ave., Live Oak, Fla.; W9VRQ, John W. Yochum, Jr., 405 West State St., Princeton, Ind.; K4LQS, Henry R. Hoffman, Naples, Fla.; Naples Amateur Radio Club.

K4JJZ/K4SOL, Bob and Toni Woodruff, 121 E. Cornell, Avon Park, Fla.; Dr. Albert Wiegand, 224 Lovell St., Worchester, Mass.; Florida Sidebanders.

W2HYC, Nick Hypala, 4198 Shorecrest Dr., Orlando, Fla.; K4KQR, Don Priebe, 7704 Lillwill Rd., Orlando, Fla.; Bill Warner, 2120 Staney Ave., Orando, Fla.; Dave Chastain, 5518 Clearview Dr., Orlando, Fla.; W4RQJ, M. Kitchen, Route 1, Box 601B, Orlando, Fla.; W4-NWL, Dave Emmons, 426 So. Osceola, Orlando, Fla.; W4RLR, B. Simonds, P.O. Box 186, Gotha, Fla.; Lake Wales Amateur Radio Club.

WACKI WINGDINGERS SUNDAY SCHOOL ON AIR

There is a Sunday School net 0700 to 0800 Sunday mornings on 3835kc originated by R. V. "Red" Ramsey. Think his call is K4SNX. Frederick — K4UGC.

Here is Hal and Ev Shea, W4BKC and K4UIZ of Orlando. Hal has been our "Orlando Ramblings" correspondent for the past years. Both are very good C.D. and Club workers. All who attended the Wouff Hong at the Convention in Orlando saw Hal and Ev on the stage. Hal is active in traffic nets and Ev active in the Floridors. Two real nice amateurs!

FIRST ON 1215 MC?

The 1215 club in Leesburg announces some progress in getting on the air on the 1215 mc band. W4SXJ, K4UYN and K4URA bought three APX-6 from California and have so far succeeded in getting output from SXJ's unit. Conversation of the other two units is under way.

Reference is made to the APX articles in QST Sept. 60 and Feb. 61. Conversion in general followed these articles with the usual departures common to ham radio. One fourth of an inch was cut from the transmitter cavity "plunger" by using a jewelers saw.

Warning — do not remove bottom plate from gear train compartment, it can be replaced with fourhands. four hours and some good mule driving words of encouragement.

*(FYI only or to pass to any interested in APX's) Source of Supply Globe Electronics, 3103 Pico Blvd., Tel EXbrook 3-7206, Santa Monica, Calif. Cost per unit $10.95, freight, truck, Santa Monica/Leesburg on three units $12.62. Weight of 3 united, shipping 130 lbs. by Budget Trucking Co., 1705 W. Slauson Ave., Los Angeles 47, Calif., agent.

If ordered by air mail, 7 days to shipping time, 9 more days to truck across country. Globe gives small discount in quantities, we asked and received 2C42/2C46 tubes.

Any questions to P. O. Box 185, Leesburg.

73-K4URA